

[Technical Articles with Shodex Products \(2003-2010 in Europe: updated on Jul. 5, 2010\)](#)

GFC PROTEIN KW

Shodex columns	Country	Organization	Authors	Title	Journal
PROTEIN KW-804	FR	Architecture et Fonction des Macromolécules Biologiques, UMR 6098, CNRS, and Universités of Marseille BioXtal IREBS, FRE3211–CNRS/UdS Institut de Recherche de l'Ecole Supérieure de Biotechnologie de Strasbourg	Kerstin Michalke, Céline Huyghe, Julie Lichière, Marie-Eve Gravière, Marina Siponen, Giuliano Sciara, Isabelle Lepaul, Renaud Wagner, Christian Cambillau, Aline Desmyter	Mammalian G protein-coupled receptor expression in Escherichia coli: II. Refolding and biophysical characterization of mouse cannabinoid receptor 1 and human parathyroid hormone receptor 1	Analytical Biochemistry 401 (2010) 74–80
	DE	Department of Biotechnology, Martin-Luther University, D-06120 Halle	Christine Magg, Rainer Rudolph		
PROTEIN KW-804	US	Wallace H. Coulter Department of Biomedical Engineering, Georgia Institute of Technology, 315 Ferst Drive, NW, Atlanta, GA	Yun Wang, , Christopher S.D. Lee, , Linda Pelcastre, Zvi Schwartz, Barbara D. Boyan,	The synergistic effects of 3-D porous silk fibroin matrix scaffold properties and hydrodynamic environment in cartilage tissue regeneration	Biomaterials 31 (2010) 4672e4681
	IT	Department of Materials Engineering and Industrial Technologies, Biotech Research Center, University of Trento, Via Mesiano 77, Trento	Erika Bella, Claudio Migliaresi, Antonella Motta		
PROTEIN KW-803	CH	Novartis Institutes for BioMedical Research, Novartis Campus Forum 1, 4056 Basel	Roger Marc Benoit, Nicole-Claudia Meisner, Joerg Kallen, Patrick Graff, René Hemmig, Régis Cèbe, Christian Ostermeier, Hans Widmer	The X-ray Crystal Structure of the First RNA Recognition Motif and Site-Directed Mutagenesis Suggest a Possible HuR Redox Sensing Mechanism	J. Mol. Biol. (2010) 397, 1231–1244
	UK	University of Edinburgh, School of Biological Sciences, The King's Buildings, CH Waddington Building 3.07, Mayfield Road	Manfred Auer		
PROTEIN KW405-4F	FR	Architecture et Fonction des Macromolécules Biologiques (AFMB), UMR 6098 CNRS and Universités Aix-Marseille I & II, Campus de Luminy, Case 932 Centre de Biochimie Structurale, INSERM U554/CNRS UMR 5048, 29 rue de Navacelles, 34090 Montpellier	Valérie Campanacci, David Veesler a, Julie Lichière, Stéphanie Blangy, Giuliano Sciara, Patrick Bron, Christian Cambillau	Solution and electron microscopy characterization of lactococcal phage baseplates expressed in Escherichia coli	Journal of Structural Biology xxx (2010) xxx–xxx
	CA	Groupe de Recherche en Écologie Buccale (GREB) and Félix d'Hérelle Reference Center for Bacterial Viruses, Faculté de Médecine Dentaire, Université Laval, Québec City Département de Biochimie et de Microbiologie, Faculté des Sciences et de Génie, Université Laval, Québec City	Sylvain Moineau		
	IE	Department of Microbiology, National University of Ireland, Cork Alimentary Pharmabiotic Centre, University College Cork	Douwe van Sinderen		

PROTEIN KW-804	FR	Unit of Virus Host Cell Interactions (UVHCI) UMI 3265 Université Joseph Fourier-EMBL-CNRS, 6 rue Jules Horowitz 38042 Grenoble Institut de Biologie Structurale Jean-Pierre Ebel, UMR 5075 CEA-CNRS-UJF, 41, rue Jules Horowitz, 38027 Grenoble	Miriam Hock, Guy Schoehn, Marc Jamin, Winfried Weissenhorn	RNA induced polymerization of the Borna disease virus nucleoprotein	Virology 397 (2010) 64–72
	DE	Institut für Virologie, Philipps-Universität Marburg Anatomisches Institut, Neuroanatomie, Universität Bonn	Ina Kraus, Cornelia Andrei-Selmer, Wolfgang Garten		
PROTEIN KW-803	ES	Universidad de La Laguna, Dpto. Ingeniería Química y Tecnología Farmaceutica	Alexis Oliva, Matias Llabres, Jose B. Farina	Estimation of uncertainty in size-exclusion chromatography with a double detection system (light-scattering and refractive index)	Talanta 78 (2009) 781-789
PROTEIN KW-802.5	TN	Laboratoire de Genetique Moleculaire des Eucaryotes, Centre de Biotechnologie de Sfax	Mohamed Guerfali, Ines Maalej, Ali Gargouri, Hafedh Belghith	Catalytic properties of the immobilized Talaromyces thermophilus beta-xylosidase and its use for xylose and xylooligosaccharides production	Journal of Molecular Catalysis B: Enzymatic 57 (2009) 242-249
PROTEIN KW-804	FR	Architecture et Fonction des Macromolécules Biologiques, CNRS and Universites d'Aix-Marseille I and II	David Veessler, Steohanie Blangy, Marina Siponen, Renaud Vincentelli, Christian Cambillau, Giuliano Sciara	Production and biophysical characterization of the CorA transporter from Methanosarcina mazei	Analytical Biochemistry 388 (2009) 115-121
PROTEIN KW-802.5	TN	Laboratoire d'Enzymes et de Metabolites des Procaryotes (LEMP), Centre de Biotechnologie de Sfax (CBS) Unite Enzymes et Bioconversion (UEB), Ecole Nationale d'Ingerieurs de Sfax (ENIS)	Bassem Jaouadi, Semia Ellouz-Chaabouni, Moez Rhimi, Samir Bejar	Biochemical and molecular characterization of a detergent-stable serine alkaline protease from Bacillus pumilus CBS with high catalytic efficiency	Biochimie 90 (2008) 1291-1305
PROTEIN KW-802.5	AU	CRC for Water Quality and Treatment, Australian Water Quality Center	Rolando Fabris, Christopher W.K. Chow, Mary Drikas	Comparison of NOM character in selected Australian and Norwegian drinking waters	Water Research 42 (2008) 4188 - 4196
	NO	SINTEF, Department of Water and Wastewater	Bjornar Eikebrokk		
PROTEIN KW-802.5	FR	Unit for Virus Host Cell Interaction, UMR 5233, UJF-EMBL-CNRS	Suman Lata, Julianna Solomons, Marc Jamin, Winfried Weissenhorn	Structural Basis for Autoinhibition of ESCRT-III CHMP3	J. Mol. Biol. (2008) 278, 818-827
	DE	European Molecular Biology Laboratory	Manfred Roessle, Dmitri I. Svergun		
	US	Program in Gene Function and Expression, Program in Molecular Medicine, University of massachusetts Medical School	Heinrich G. Goettlinger		
PROTEIN KW-803	US	Washington State University (School of Molecular, Dept. of Pharmaceutical Science)	EunJung Kim, Buhyun Youn, Leonord Kemper, Cait Campbell, ChulHee Kang	Characterization of Human Cardiac Calsequestrin and its Deleterious Mutants	J. Mol. Biol. (2007) 373, 1047-1057
	DE	Klinik der Ruhr Universitaet Bochum (Herz- und Diabeteszentrum) Ruhr Universitaet (Institut für Physiologische Chemie)	Hendrik Milting, Magdolna Varsanyi		

PROTEIN KW-803	NL	DMV International b.v. Wageningen University (Food Physics Group, Dept. of Agrotechnology and Food Sciences)	Suzanne G. Bolder, Astrid J. Vasbinder, Leonard M.C. Sagis, Erik van der Linden	Heat-induced whey protein isolate fibrils: Conversion, hydrolysis, and disulphide bond formation	International Dairy Journal 17 (2007) 846-853
PROTEIN KW-802.5	TN	Laboratory of Prokaryotic Enzymes and Metabolites of the Centre of Biotechnology of Sfax	Sonia Jemli, Exxedine Ben Messaoud, Dorra Ayadi-Zourari, Belgacem Naili, Bassem Khemakhem, Samir Bejar	A beta-cyclodextrin glucosyltransferase from a newly isolated Paenibacillus pabuli US132 strain: Purification, properties and potential use in bread-making	Biochemical Engineering Journal 34 (2007) 44-50
PROTEIN KW-802.5	BE	University of Ghent (Laboratory of Radiopharmacy, Flanders Institute of Biotechnology, Dept. of Medical Physics and Radiation Protection, Institute of Pathology)	Ingrid J.G. Burvenich, Steve Schoonoooghe, Peter Blanckaert, Klaus Bacher, Liesbet Vervoort, Elisabeth Coene,	Biodistribution and planar gamma camera imaging of ¹²³ I- and ¹³¹ I-labeled F(ab') ₂ and Fab fragments of monoclonal antibody 13C5 in nude mice bearing an A549 lung tumor	Nuclear Medicine and Biology 34 (2007) 257-265
PROTEIN KW-804	FR	Institut de Virologie Moleculaire et Structurale	M.Buisson, L.Rivail, J.F.Hernandez, M.Jamin, J.Martinez, R.Ruigrok, W.Burmeister	Kinetics, inhibition and oligomerization of Epstein-Barr virus protease	FEBS Letters 580 (2006) 6570-6578
PROTEIN KW-804	IT	Tuscia Univ, Department of Agrobiolology	P.Ferrante, M.C.Gianibelli, O.Larroque, C.Volpi, R.D'Ovidio, D.Lafiandra, S.Masci	Effect of incorporation of an i-type low-molevular-weight glutenin subunit and a modified gamma-gliadin in durum and in bread wheat doughs as measured by micro-mixographic analysis	Journal of Cereal Science 44 (2006) 193-201
PROTEIN KW-802.5	NL	Wageningen Univ. NIZO Food Research Utrecht Univ.	N. Creusot, H. Gruppen, G. A. van Koningsveld, C. G. de Kruif, A. G.J. Voragen	Peptide-peptide and protein-peptide interactions in mixtures of whey protein isolate and whey protein isolate hydrolysates	International Dairy Journal 16 (2006) 840-849
PROTEIN KW-803	BE	K.U. Leuven, Laboratory of Food Chemistry Remy Industries N.V.	A. Van der Borght, G. E.. Vandeputte, V. Derycke, K. Brijs, G. Daenen, J. A. Delcour	Extractability and chromatographic separation of rice endosperm proteins	Journal of Cereal Science 44 (2006) 68-74
PROTEIN KW-804	CH	ETH Zurich (Drug Formulation and Delivery, Surface Science and Technology)	S. Hoffmann, CT. Wong Po Foo, F. Rossetti, M. Textor, G. Vunjak-Novakovic, D. L. Kaplan, H.P. Merkle, L. Meinel	Silk fibroin as an organic polymer for controlled drug delivery	Journal of Controlled Release 11 (2006) 219-227
PROTEIN KW-802.5	BE	Univ. Leuven (Center for Molecular and Vascular Biology)	Sonia de Halleux, Luc vanderElst, Vincent Carlier, Marc Jaquemin, Jean-Marie Saint-Remy	Three-imensional structure an IgE-binding properties of mature fully active Der p 1, a clinically relevant major allergen	J. Allergy Clin Innunol (March 2006)
	FR	Commissariat a l'energie Atomique Saclay (Department d'Ingenierie et d'Etudes des Proteines)	Enrico Stura		
Shodex column for protein	ES	Universidad de La Laguna (Departamento de Ingenierfa Quimica y Tecnologia)	A. Santovena, J.T. Garcia, A. Olivia, M. Lkabres, J.B. Farina	A mathematical model for interpreting in vitro rhGH release from laminar implants	International Journal of Pharmaceutics 309 (2006) 38-43

PROTEIN KW-803	DE	Max Planck Institute for Evolutionary Anthoropology	Katja Nowick, Svante Paabo	Structure of the Forkhead Domain of FOXP2 boun to DNA	Structure 14, 159-166 (January 2006)
	US	Univ. of Colorado, Argonne National Laboratory	James C. Stroud, Yongqing Wu, Aidong Han, Harry Tong, Lin Chen		
PROTEIN KW-802.5	IT	University of Teramo (Dept. of Biomedical Sciencenes) University if Rome (Dept. of Experimental Medicine and Biochemical Sciences)	Enrico Dainese, Annalaura Sabatucci, Clotilde Beatrice Angelucci, Alessandro Finazzi Agro, Mauro Maccarrone	Structural Stability of Soybean Lipoxygenase-1 in Solution as Probed by Small Angle X-ray Scattering	J. Mol. Biol. (2005) 349, 143-152
	NL	Utrecht University (Bijvoet Center for Biomolecular Research)	Guus van Zadelhoff, Gerrit A. Veldink		
	FR	Universite Paris-sud (IBBMC)	Patrice Vachette		
PROTEIN KW-803	FR	Universite Lyon (Laboratoire de Genie Enzymatique et Biomoleculaire), bio Merieux Ecole Normale Superierure Lyon	Christophe A. Marquette, Emmanuelle Imbert-Laurenceau, Francois Mallet, Carole Chaix, Bernard Mandrand, Koic J. Blum	Electroaddressed immobilization f recombinant HIV-1 P24 caspid protein onto screen-printed arrays for serological testing	Analytical Biochemistry 340 (2005) 14-23
PROTEIN KW-804 PROTEIN KW-G	CH	Swiss Federal Institute of Technology Lausanne (Laboratory of Chemical Biotechnology)	Marilia Panayiotou	Synthesis and characterisation of stimuli-responsive poly(N,N'-diethylacrylamide) hydrogels	Polymer 46 (2005) 615-621
	DE	University of Bayreuth (Chair for Process Biotechnology)	Ruth Freitag		
PROTEIN KW-802.5	TN	Centre de Biotechnologie de Sfax	E. Ben Messaoud, M. Ben Ali, N. Elleuch, N. Fourati masmoudi, S. Bejar	Purification and properties of a maltoheptaose- and maltohexaose-forming amylase produced by Bacillus subtilis US116	Enzyme and Microbial Technology 34 (2004) 662-666
PROTEIN KW-802.5	TN	Centre de Biotechnologie de Sfax	R. Kammoun, S. Bejar, R. Ellouz	Protein size distribution and inhibitory effect of wheat hydrolysate on Neutrase®	Bioresource Technology 90 (2003) 249-254

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OHpak SB-804 HQ Asahipak GS-2G 7B	RU	Institute of Physiology, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences, Syktyvkar N.D.Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, Moscow	Sergey V. Popov, Raisa G. Ovodova, Victoria V. Golovchenko, Galina Yu. Popova, Feodor V. Viatyazev, Alexandre S. Shashkov, Yury S. Ovodov	Chemical composition and anti-inflammatory activity of a pectic polysaccharide isolated from sweet pepper using a simulated gastric medium	Food Chemistry (2010)

OHpak SB-806 HQ OHpak SB-G	BE	Laboratory of Food Chemistry and Biochemistry and Leuven Food Science and Nutrition Research Centre (LFoRCe), Katholieke Universiteit Leuven	Priscilla Verjans, Emmie Dornez, Jan A. Delcour, Christophe M. Courtin	Selectivity for water-unextractable arabinoxylan and inhibition sensitivity govern the strong bread improving potential of an acidophilic GH11 Aureobasidium pullulans xylanase	Food Chemistry 123 (2010) 331–337
OHpak SB-806M HQ	FI	Department of Food Technology, University of Helsinki Department of Applied Chemistry and Microbiology, University of Helsinki Department of Chemistry, University of Helsinki	R. Kivelä, L. Pitkänen, P. Laine, V. Aseyev, T. Sontag-Strohma	Influence of homogenisation on the solution properties of oat b-glucan	Food Hydrocolloids 24 (2010) 611-618
OHpak SB-802.5 HQ	FI	VTT Technical Research Centre of Finland, Molecular Sensors, Tampere VTT Technical Research Centre of Finland, Nanobiomaterials, Espoo	Willem M. Albers a, Tony Munter, Päivi Laaksonen, Inger Vikholm-Lundin	Improved functionality of antibody-colloidal gold conjugates with the aid of lipoamide-grafted N-[tris(hydroxymethyl)methyl]acrylamide polymers	Journal of Colloid and Interface Science 348 (2010) 1–8
OHpak SB-802 HQ OHpak SB-803 HQ	FR	Centre de Recherches sur les Macromolécules Végétales (CERMAV-CNRS), Joseph Fourier University, BP53, 38041 Grenoble	Marguerite Rinaudo	New way to crosslink chitosan in aqueous solution	European Polymer Journal 46 (2010) 1537–1544
OHpak SB-806 HQ OHpak SB-G	PL	University of Agriculture Kraków, Department of Carbohydrates Technology	Krzysztof Buksa, Anna Nowotna, Halina Gambus, Rafał Ziobro, Jan Krawontka	The role of pentosans and starch in baking of wholemeal rye bread	Food Research International (2010)
	AT	University of Natural Resources and Applied Life Sciences, Department of Chemistry, Vienna	Werner Praznik		
OHpak SB-806 HQ OHpak SB-804 HQ OHpak SB-803 HQ	FR	Laboratoire des Polysaccharides Microbiens et Végétaux (LPMV), Université de Picardie Jules Verne, IUT d'Amiens, Avenue des Facultés, F-80025 Amiens Unité de Catalyse et Chimie du Solide (UMR-CNRS 8181), Université d'Artois, IUT Béthune Plate-Forme Analytique, Bâtiment Serres-Transfert, Rue Dallery/Impasse du Sourire d'Avril, UFR Sciences, Amiens	M. Pillon, C. Pau-Roblot, V. Lequart, S. Pilard, B. Courtois, J. Courtois, N. Pawlicki-Jullian	Structural investigation of an exopolysaccharide substituted with a lactyl ether group produced by Raoultella terrigena Z-555-6 isolated in the Chernobyl exclusion zone	Carbohydrate Research 345 (2010) 1163–1173
OHpak SB-804 HQ OHpak SB-805 HQ	PL	Laboratory of Nutritional Evaluation of Plant Materials, Institute of Plant Breeding and Acclimatization, Radzikow, 05-870 Blonie	Malgorzata R. Cyran	Structural characterization of feruloylated arabinoxylans and xylans released from water-unextractable cell walls of rye outer layers upon treatment with lichenase and cellulase	Carbohydrate Research 345 (2010) 899–907

<p>OHpak SB-805 HQ OHpak SB-803 HQ OHpak SB-G</p>	FR	UMR 5103 Unité des Sciences du Bois et des Biopolymères – US2B, Université Bordeaux 1, INRA, CNRS, 351 cours de la Libération, 33405 Talence	E.V.R. Almeida, A. Castellan, V. Coma	Chitosan, sisal cellulose, and biocomposite chitosan/sisal cellulose films prepared from thiourea/NaOH aqueous solution	Carbohydrate Polymers 80 (2010) 655–664
	BR	Instituto de Química de São Carlos, Universidade de São Paulo	E.V.R. Almeida, E. Frollini		
OHpak SB-804 HQ	FR	Laboratoire de Recherche sur la Croissance Cellulaire, la Réparation et la Régénération Tissulaires (CRRET), UMR 7149-CNRS, Université Paris-Est Créteil Institut de Physiologie et Biologie cellulaire, UMR 6187-CNRS, Université de Poitiers Institut Cochin, INSERM U567-CNRS UMR 8104, Université Paris Descartes	Isabelle Martelly, Dominique Singabrava, Aurélie Vandebrouck, Dulce Papy-Garcia, Christian Cognard, Guy Raymond, Isabelle Guillet-Deniau, Jose Courty, Bruno Constantin	Glycosaminoglycan mimetics trigger IP3-dependent intracellular calcium release in myoblasts	Matrix Biology 29 (2010) 317–329
OHpak SB-806 HQ	NL	Division of Drug Delivery Technology, Leiden/Amsterdam Center for Drug Research (LACDR), Leiden Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences (UIPS), Utrecht	Bram Slütter, Peter Christiaan Soema, Zhi Ding, Rolf Verheul, Wim Hennink, Wim Jiskoot	Conjugation of ovalbumin to trimethyl chitosan improves immunogenicity of the antigen	Journal of Controlled Release 143 (2010) 207–214
<p>OHpak SB-806 HQ OHpak SB-804 HQ OHpak SB-803 HQ OHpak SB-G</p>	FR	LPMV, Université de Picardie Jules Verne, Avenue des Facultés, Le Bailly, F-80025 Amiens IUT GB Avenue des Facultés, Le Bailly, Amiens GREENTECH Naturally, Biopôle Clermont Limagne, Saint Beauzire	Elboutachfaiti Redouan, Petit Emmanuel, Beuvain Christine, Courtois Bernard, Courtois Josiane, Delattre Cédric	Development of new ulvan-like polymer by regioselective oxidation of gellan exopolysaccharide using TEMPO reagent	Carbohydrate Polymers 80 (2010) 485–490
<p>OHpak SB-805 HQ OHpak SB-804 HQ OHpak SB-G</p>	FR	Université d'Évry Val d'Essonne, École doctorale des Génomes Aux Organismes, Evry Genethon, 1 bis rue de l'Internationale, Evry Unité de Pharmacologie Chimique et Génétique, CNRS, UMR 8151, Paris Inserm, U640, Paris Université Paris Descartes, Faculté des Sciences Pharmaceutiques et Biologiques ENSCP, Paris Physico-chimie des Polymères et des Milieux Dispersés, UMR 7615, UPMC-CNRS-ESPCI, Paris	Amanda K. Andriola Silva Brun-Graepi, Cyrille Richard, Michel Bessodes, Daniel Scherman, Tetsuharu Narita, Guylaine Ducouret, Otto-Wilhelm Merten	Study on the sol–gel transition of xyloglucan hydrogels	Carbohydrate Polymers 80 (2010) 555–562

OHpak SB-806 HQ	DK	Center for BioProcess Engineering, Department of Chemical and Biochemical Engineering, Building 229, Technical University of Denmark	Lise V. Thomassen, Anne S. Meyer	Statistically designed optimisation of enzyme catalysed starch removal from potato pulp	Enzyme and Microbial Technology 46 (2010) 297–303
OHpak SB-800?	FR	Institut National de la Recherche Agronomique, UR1268 BIA, Nantes	Oscar Castellani, Marc Anton	Hydrocolloids with emulsifying capacity. Part 2 – Adsorption properties at the n-hexadecane–Water interface	Food Hydrocolloids 24 (2010) 121–130
	AR	Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), Unidad Ejecutora CIDCA, Argentina	Oscar Castellani		
	UK	Glyn O. Phillips Hydrocolloids Research Centre, The North East Wales Institute, Plas Coch, Mold Road, Wrexham Phillips Hydrocolloid Research Ltd., 45 Old Bond Street, London	Saphwan Al-Assaf, O. Phillips		
OHpak SB-805 HQ OHpak SB-806 HQ	FR	Laboratoire des Polysaccharides Microbiens et végétaux, IUT Dpt GB, Amiens Laboratoire des Glucides UMR CNRS 6219, Amiens Urgent Response to Biological Threats, Institut Pasteur Paris Laboratoire de Biologie des Plantes et Contrôle des Ravageurs, Amiens	Nathalie Pawlicki-Julian, Bernard Courtois, Michelle Pillon, David Lesur, Anne Le Flèche-Mateos, Jean-Claude Laberche, Josiane Courtois	Exopolysaccharide production by nitrogen-fixing bacteria within nodules of Medicago plants exposed to chronic radiation in the Chernobyl exclusion zone	Research in Microbiology 161 (2010) 101-108
	BY	UNESCO Chair International Sakharov Environmental University, Minsk	Nadia Goncharova		
OHpak SB-802.5 HQ	FR	Université de Toulouse INRA, UMR792 Ingénierie des Systèmes Biologiques et des Procédés, Toulouse CNRS, UMR5504, Toulouse SAUR R&D, Les Cyclades, Saint-Quentin-en-Yvelines CRECEP, 144, Paris	Matthieu Jacob, Christelle Guigui, Corinne Cabassud, Hélène Darras, Gwenaëlle Lavison, Laurent Moulin	Performances of RO and NF processes for wastewater reuse: Tertiary treatment after a conventional activated sludge or a membrane bioreactor	Desalination 250 (2010) 833–839

OHpak SB-803 HQ OHpak SB-805 HQ	FR	INRA, Joint Research Unit 1083 Sciences for Oenology, Montpellier NOVOZYMES France, La cité Mondiale, Bordeaux Laffort Oenologie, Bordeaux	Marie-Agnès Ducasse, Rose-Marie Canal-Llauberes, Marie de Lumley, Pascale Williams, Jean-Marc Souquet, Hélène Fulcrand, Thierry Doco, Véronique Cheynier	Effect of macerating enzyme treatment on the polyphenol and polysaccharide composition of red wines	Food Chemistry 118 (2010) 369–376
OHpak SB-804 HQ OHpak SB-802.5 HQ	RO	Department of Natural and Synthetic Polymers, Faculty of Chemical Engineering and Environmental Protection, 'Gh. Asachi' of Iasi, Technical University, Iasi	Irina Carlescu, Dan Scutaru, Marcel Popa	Synthesis of poly(aspartimide)-based bio-glycoconjugates	Carbohydrate Research 345 (2010) 33–40
	UK	The School of Pharmacy, University of Reading, Whiteknights, Reading	Helen M. I. Osborn		
	FR	Universite de Pau et des Pays de l'Adour, IPREM/EPCP (UMR CNRS 5254), Helioparc Pau Pyrénées	Jacques Desbrieres		
OHpak SB-806 HQ	NL	Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences, Utrecht University Intervet Schering-Plough Animal Health, Boxmeer Nobilon International BV, Boxmeer Division of Drug Delivery Technology, Leiden/Amsterdam Center for Drug Research, Leiden University	Niels Hagenaars, Rolf J. Verheul, Imke Mooren, Pascal H.J.L.F de Jong, Enrico Mastrobattista, Harrie L. Glansbeek, Jacco G.M. Heldens, Han van den Bosch, Wim E. Hennink, Wim Jiskoot	Relationship between structure and adjuvanticity of N,N,N-trimethyl chitosan (TMC) structural variants in a nasal influenza vaccine	Journal of Controlled Release 140 (2009) 126–133
OHpak SB-800 HQ	GR	Department of Chemistry, University of Patras Foundation of Research and Technology Hellas, Institute of Chemical Engineering and High-Temperature Chemical Processes (ICE/HT FORTH), Patras	Eudokia K. Oikonomou, Nicolitsa Lezi, Georgios Bokias, Joannis K. Kallitsis	Time-dependent Cu ²⁺ -induced gelation of poly(ethylene-alt-maleic acid) in aqueous solution	European Polymer Journal 45 (2009) 3426–3432
	FR	Matière Molle et Chimie, UMR ESPCI-CNRS 7167, ESPCI – ParisTech	Ilias Iliopoulos		
OHpak SB-806M HQ OHpak SB-803 HQ OHpak SB-G	IR	Department of Food Science and Technology, Ferdowsi University of Mashhad	Hojjat Karazhiyan, Seyed M.A. Razavi, Reza Farhoosh	Rheological properties of Lepidium sativum seed extract as a function of concentration, temperature and time	Food Hydrocolloids 23 (2009) 2062–2068
	UK	Glyn O. Phillips Hydrocolloid Research Center, Glyndwr University, Plas Coch, Mold Road, Wrexham	Glyn O. Phillips, Yapeng Fang, Saphwan Al-Assaf, Katsuyoshi Nishinari		

<p>OHpak SB-806 HQ OHpak SB-804 HQ OHpak SB-G</p>	FR	<p>GREENTECH Biotechnologies, Biopôle Clermont Limagne, Saint Beauzire Laboratoire de Génie Chimique et Biochimique, Université Blaise Pascal, Polytech Clermont Ferrand, Aubière Laboratoire Polymères, Biopolymères, Membranes (CNRS-UMR 6522), Université de Rouen, Mont Saint-Aignan</p>	<p>C. Delattrea, L. Riosa, C. Larocheb, N.H.T. Leb, D. Lecerfc, L. Pictonc, J. Yves Berthona, P. Michaudb</p>	<p>Production and characterization of new families of polyglucuronic acids from TEMPO–NaOCl oxidation of curdlan</p>	<p>International Journal of Biological Macromolecules 45 (2009) 458–462</p>
<p>OHpak SB-804 HQ OHpak SB-803 HQ OHpak SB-G</p>	TN	<p>Laboratoire Polymères, Biopolymères et Matériaux Organiques, Faculté des Sciences, Monastir Laboratoire de Pharmacologie, Faculté de Médecine, Monastir, 5000 Monastir</p>	<p>Hatem Majdoub, Mohamed Ben Mansour, Mohamed S. Roudesli, Raoui M. Maaroufi</p>	<p>Anticoagulant activity of a sulfated polysaccharide from the green alga <i>Arthrospira platensis</i></p>	<p>Biochimica et Biophysica Acta 1790 (2009) 1377–1381</p>
	FR	<p>Laboratoire de Bio-ingénierie des Polymères Cardiovasculaires, Institut Galilée, Villeteuse, Université Paris 13</p>	<p>Frédéric Chaubet</p>		
<p>OHpak SB-804 HQ OHpak SB-805 HQ</p>	BG	<p>Laboratory of Biologically Active Substances, Plovdiv</p>	<p>Anton Slavov</p>	<p>Gelation of high methoxy pectin in the presence of pectin methylesterases and calcium</p>	<p>Carbohydrate Polymers 77 (2009) 876–884</p>
	FR	<p>INRA, UR 1268, Biopolymères Interactions Assemblages, BP 71627, Nantes</p>	<p>Catherine Garnier, Marie-Jeanne Crépeau, Sylvie Durand, Jean-François Thibault, Estelle Bonnin</p>		
<p>OHpak SB-806 HQ</p>	NL	<p>Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences (UIPS), Utrecht University Division of Drug Delivery Technology, Leiden/Amsterdam Center for Drug Research (LACDR), Leiden University</p>	<p>Rolf J. Verheul, Maryam Amidi, Mies J. van Steenberg, Elly van Riet, Wim Jiskoot, Wim E. Hennink</p>	<p>Influence of the degree of acetylation on the enzymatic degradation and in vitro biological properties of trimethylated chitosans</p>	<p>Biomaterials 30 (2009) 3129–3135</p>
<p>OHpak SB-806 HQ OHpak SB-805 HQ</p>	AR	<p>Planta Piloto de Ingeniería Química, PLAPIQUI (UNS-CONICET), Camino “La Carrindanga” Km 7, (8000) Bahía Blanca, Buenos Aires</p>	<p>César G. Gomeza, María V. Pérez Lambrecht, Jorge E. Lozano, Marcelo A. Villar</p>	<p>Influence of the extraction–purification conditions on final properties of alginates obtained from brown algae (<i>Macrocystis pyrifera</i>)</p>	<p>International Journal of Biological Macromolecules 44 (2009) 365–371</p>
	FR	<p>Centre de Recherches sur les Macromolécules Végétales (CNRS), Université Joseph Fourier de Grenoble, BP 53, Grenoble</p>	<p>Marguerite Rinaudo</p>		

OHpak SB-804 HQ OHpak SB-803 HQ OHpak SB-G	TN	Laboratoire de Pharmacologie 04/UR/01-09, Faculté de Médecine, Monastir Laboratoire Polymères, Biopolymères et Matériaux Organiques, Faculté des Sciences, Monastir Laboratoire d'Hématologie, CHU Fattouma Bourguiba, Monastir	Mohamed Ben Mansour, Hatem Majdoub, Mohamed S. Roudesli, Mohsen Hassine, Raoui M. Maaroufi	Polysaccharides from the skin of the ray Raja radula. Partial characterization and anticoagulant activity	Thrombosis Research (2009) 123, 671–678
	FR	Inserm, U698, Hémostase, Bio-ingénierie et Remodelages Cardiovasculaires, CHU Bichat-Claude Bernard, Université Paris Laboratoire de Bio-ingénierie des Polymères Cardiovasculaires, Institut Galilée, Université Paris, Villeteuse	Isabelle Bataille, Nadine Ajzenberg, Frédéric Chaubet		
OHpak SB-803 HQ	PL	Department of Chemistry and Technology of Polymers, Cracow University of Technology Faculty of Physics, Adam Mickiewicz University The Henryk Niewodniczanski Institute of Nuclear Physics, Polish Academy of Sciences Environmental Protection Institute of Textile Engineering and Polymer Materials, Faculty of Textile Engineering, University of Bielsko-Biala	IK. Pielichowska, S. Glowinkowski, J. Lekki, D. Binias, K. Pielichowski, J. Jencyk	PEO/fatty acid blend for thermal energy storage materials. Structural/morphological features and hydrogen interactions	European Polymer Journal 44 (2008) 3344-3360
OHpak SB-804 HQ OHpak SB-805 HQ OHpak SB-G	CM	University of Yaounde (Dept. of Biochemistry) CRAN, Ministry of Scientific Research and Innovation	B.B. Koubala, G. Kansci, L.I.Mbome	Effect of extraction conditions on some physicochemical characteristics of pectins from "Ameliorée" and "mango" mango peels	Food Hydrocolloids 22 (2008) 1345- 1351
	FR	INRA, Biopolymères Interactions Assemblages	M.-J. Crepeau, J.-F. Thibault, M.-C. Ralet		
OHpak SB-804 HQ OHpak SB-805 HQ	IT	Department of Food Science and Microbiology, University of Milan	Jiabril Gigli, Laura Piazza	Rheological behaviour of low-methoxyl pectine gels over an extended frequency window	Food Hydrocolloids 23 (2009) 1406 - 1412
	FR	Unité de Physico-Chimie des macromolécules, INRA, Nantes	Catherine Garnier		
OHpak SB-804 HQ OHpak SB-G	FR	UMR QUALISUD, Center de Cooperation Internationale en Recherche Agronomique pour le Développement (CIRAD) UMR1083, Sciences pour l'Oenologie, INRA, Université Montpellier	Laetitia Michodjehoun-mestres, Jean-Marc Souquet, Helene Fulcrand, Emmanuelle Meudec, Max Reynes, Jean-Marc Brillouet	Characterisation of highly polymerised prodelphinidins from skin and flesh of four cashew apple (<i>Anacardium occidentale</i> L.) genotypes	Food Chemistry 114 (2009) 989 - 995

OHpak SB-803 HQ OHpak SB-804 HQ OHpak SB-806 HQ	FR	Institut Charles Sadron, Strasbourg Laboratoire de Spectrometrie Physique, CNRS-UJF UMR5588	Rimma Sushko, Dominique Sarazin, Cyrille Rochas, Natalya Kutsevol, Jean- Michel Guenet	Anomalous behaviour of comb-like dextran-polyacrylamide copolymers in mixed solvents	European Polymer Journal 45 (2009) 1698-1705
	UA	Kiev Taras Shevchenko National University, Department of chemistry	Rimma Sushko, Natalya Kutsevol, Jean- Michel Guenet		
OHpak SB-806 HQ OHpak SB-G	BE	Laboratory of Food Chemistry and Biochemistry, Katholieke Universiteit Leuven	Christophe M. Courtin, Katrien Swennen, Priscilla Verjans, Jan A. Delcour	Heat and pH stability of prebiotic arabinoxyloligosaccharides, xylooligosaccharides and fructooligosaccharides	Food Chemistry 112 (2009) 831 - 837
OHpak SB-G OHpak SB-806 HQ OHpak SB-804 HQ	FR	Universite de Rouen, Laboratoire Polymeres Biopolymeres Surface Universite Claude Bernard, Laboratoire Ingenierie des Materiaux Polymeres	I. Colinet, V. Dulong, T. Hamaide, D. Le Cerf, L. Picton	New amphiphilic modified polysaccharides with original solution behaviour in salt media	Carbohydrate Polymers 75 (2009) 454- 462
OHpak SB-806M HQ	EE	Institute of Mathematics and Natural Sciences, Tallinn University National Institute of Chemical Physics and Biophysics Institute of Chemistry, Tallinn University of Technology Estonian Marine Institute, University of Tartu	Rando Tuvikene, kalle Truus, marju Robal, Tonis Pehk, Tiiu Kailas, Merike Vaher, Tina Paalme	Structure and thermal stability of pyruccated carrageenans from the red alga <i>Coccotylus truncatus</i>	Carbohydrate Research 344 (2009) 788-794
OHpak SB-807 HQ OHpak SB-806 HQ OHpak SB-804 HQ OHpak SB-802.5 HQ	VE	Grupo de Polimeros, USB, Departamento de Ciencias de los Materiales, Universidad Simon Bolivar	Laura M. Gouveia, Alejandro J. Mueller	Synthesis and rheological properties of hydrophobically modified polyacrylamides with lateral chains of poly(propylene oxide) oligomers	Journal of Collid and Interface Science 333 (2009) 152-163
	FR	Laboratoire de Physico-chimie des Polymeres, IPREM UMR CNRS/UPPA, Pau	Bruno Grassl		
OHpak SB-803 HQ OHpak SB-804 HQ OHpak SB-G	TN	Laboratoire de Pharmacologie, Faculte de Medecine, Monastir Laboratoire Polymeres, Biopolymeres et materiaux Organiques, Faculte des Sciences, Monastir Laboratoire d'Hematologie, CHU Fattouma Bouguiba, Monastir	Mohamed Ben Mansour, Hatem Majdoub, Mohamed S. Roudesli, Mohsen hassine, Raoui M. Maaroufi	Polysaccharides from the skin of the ray <i>Raja radula</i> . Partial characterization and anticoagulant activity	Thrombosis Research (2009) 123, 671 - 678
	FR	Inserm, U698, Hemostase, Bio-Ingenierie et Remodelages Cardiovasculaires, CHU Bichat- Claude Bernard, Universite Paris Institut Galilee, Universite Paris	Isabelle Bateille, Nadine Ajzenberg, Frederic Chaubet		

OHpak SB-806 HQ OHpak SB-806M HQ	DK	Center for BioProcess Engineering, Department of Chemical and Biochemical Engineering, Technical University of Denmark Department of Animal Health, Welfare and Nutrition, Faculty of Agricultural Sciences, University of Aarhus	Anne S. Meyer, Birgitte P. Dam, Helle N. Laerke	Enzymatic solubilization of a pectinaceous dietary fiber fraction from potato pulp: Optimization of the fiber extraction process	Biochemical Engineering Journal 43 (2009) 106-112
OHpak SB-806 HQ OHpak SB-804 HQ	FR	Universite de Rouen, Laboratoire Polymeres Biopolymeres Surface	G.-A. Junter, F. Vinet	Compressive properties of yeast cell-loaded Ca-alginate hydrogel layers: Comparison with alginate-CaCO ₃ microparticle composite gel structures	Chemical Engineering Journal 145 (2009) 514 - 521
OHpak SB-804 HQ OHpak SB-805 HQ OHpak SB-802.5 HQ OHpak SB-G	FR	Centre d'Etudes et de Valorisation des Algues, Presqu'île de Pen Lan Institut National de la Recherche Agronomique, Unite Biopolymeres, Interactions, Assemblages	A. Robic, C. Rondeau-Mouro, J.-F. Sassi, Y. Lerat, M. Lahaye	Structure and interactions of ulvan in the cell wall of the marine green algae <i>Ulva rotundata</i> (Ulvales, Chlorophyceae)	Carbohydrate Polymers 77 (2009) 206-216
OHpak SB-806 HQ OHpak SB-805 HQ	FR	Centre de Recherches sur les Macromolecules Vegetales, Joseph Fourier University, Grenoble	Marguerite Rinaudo	Rheological investigation on hyaluronan-fibrinogen interaction	International Journal of Biological Macromolecules 43 (2008) 444 -450
OHpak SB-804 HQ OHpak SB-802 HQ	US	Department of Food Science, University of Arkansas	Stephen O'Brien, Ya-Jane Wang	Starch phosphates prepared by reactive extrusion as a sustained release agent	Carbohydrate Polymers 76 (2009) 557-566
	BE	Faculty of Pharmaceutical Science, Ghent University	Chris Vervaet, Jean paul Remon		
OHpak SB-804 HQ OHpak SB-805 HQ OHpak SB-G	FR	UR1268 Biopolymeres Interactions Assemblages, INRA Nantes	Agata Zykawska, Jean-Francois Thibault, Marie-Christine Ralet	Competitive binding of pectin and xyloglucan with primary cell wall cellulose	Carbohydrate Polymers 74 (2008) 957 - 961
OHpak SB-804 HQ OHpak SB-805 HQ	FR	CEVA, Presqu'île de Pen Lan BP 3, Pleubian INRA, UR1268, Nantes	A. Robic, J.-F. Sassi, M. Lahaye	Impact of stabilization treatments of the green seaweed <i>Ulva rotundata</i> (Chlorophyta) on the extraction yield, the physico-chemical and rheological properties of ulvan	Carbohydrate Polymers 74 (2008) 344 -352
OHpak SB-G OHpak SB-806 HQ OHpak SB-804 HQ	FR	Laboratoire des Polysaccharides Microbiens et Vegetaux, IUT/GB, UPJV, Amiens Laboratoire de Genie Chimique et Biochimique, Universite Blaise-Pascal-Polytech Clermont-Ferrand	R. Elboutachfati, P. Michaud, B. Courtois, J. Courtois	Oligogalacturonans production by free radical depolymerization of polygalacturonan	International Journal of Biological Macromolecules 43 (2008) 257 - 264
	IN	Centre for Bio Separation Technology, Vellore Institute of Technology (VIT), Deemed University	C. Delattre		

OHpak SB-802 HQ OHpak SB-802.5 HQ OHpak SB-804 HQ	FR	Laboratoire Interactions Moleculaires et Reactivites Chimique et Photochimique, UMR CNRS 5623, Universite de Toulouse	Jean-Daniel marty, Elsa martinex-Aripe, Anne-Francoise Mingotaud, Christophe Mingotaud	Hyperbranched polyamidoamine as stabilizer for catalytically active nanoparticles in water	Journal of Collid and Interface Science 326 (2008) 51-54
OHpak SB-803 HQ	BY	Scientific Pharmaceutical Center, RUE Belmedpreparaty B.I. Stepanov Institute of Physics, national Academy of Science of Belarus	H.A. Isakau, M.V. Parkhats, V.N. Knyuksho, B.M. Dyhagarov, P.T. Petrov	Toward understanding the high PDT efficacy of chlorin e6-polyvinylpyrrolidone formulations: Photophysical and molecular aspects of photosensitizer-polymer interaction in vitro	Journal of Photochemistry and Photobiology B: Biology 92 (2008) 165 - 174
	DE	Biophysics, BIOTEC, Technische Universitaet Dresden	E.P. Petrov		
OHpak SB-806 HQ	NL	Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences (UIPS), Utrecht University Division of Drug Delivery Technology, Leiden/Amsterdam Center for Drug Research (LACDR), Leiden University	Rolf J. Verheul, Meryam Amidi, Steffen van der Wal, Elly van Riet, Wim Jiskoot, Wim E. Hennink	Synthesis, characterization and in vitro biological properties of O-methyl free N,N,N-trymethylated chitosan	Biomaterials 29 (2008) 3642-3649
OHpak SB-806M HQ	FR	Matiere Molle et Chimie, ESPCI-CNRS, UMR 7167	Cecile M. Gibon, Sophie Norvez, Illias Iliopoulos	Solvent effects on the copolymerization kinetics of ionic (AMPS) and non-ionic (HEAm) acrylamide derivatives	European Polymer Journal 44 (2008) 1843 - 1848
	US	Arkema Inc., Research Center	James T. Goldbach		
OHpak SB-800 HQ	GR	Department of Chemistry, University of Patras Doudation of Research and Technology Hellas, Institute of Chemical Engineering and High-Temperature Chemical Processes (ICE/HT FORTH)	Eudokia K. Oikonomou, Elefterios K. Pefkianakis, Georgios Bokias, Joannis K. Kallitsis	Direct synthesis of amphiphilic block copolymers, consisting of poly(methyl methacrylate) and poly(sodium styrene sulfonate) blocks through atom transfer radical polymerization	European Polymer Journal 44 (2008) 1857 - 1864
OHpak SB-802.5 HQ	IT	Department of Pharmacy, University of Parma	Irene Pasquali, Lidia Comi, Francesca Pucciarelli, Ruggero Bettini	Swelling, melting point reduction and solubility of PEG 1500 in supercritical CO2	International Journal of Pharmaceutics 356 (2008) 76 - 81
OHpak SB-806 HQ OHpak SB-G	NL	Polymer-Analysis group, Van't Hoff Institute for Molecular Sciences, University of Amsterdam ATAS GL International Unilever Research and Development	Erwin R. Kaal, Mitsuhiro Kurano, Hans-Gerd-Janssen	Hypernation of aqueous liquid chromatography to pyrolysis-gas chromatography and mass spectrometry for the comprehensive characterization of water-soluble polymers	Journal of Chromatography A, 1186 (2008) 222 -227
	DE	Shimadzu Europe	Margit Geissler		

OHpak SB-806 HQ OHpak SB-804 HQ OHpak SB-G	VE	Centro de Investigaciones en Quimica de los Productos Naturales, Facultad de Humanidades y Educacion, Universidad del Zulia	Olga Beltran, Gladys Leon de Pinto, Fernando Rincon	Acacia macracantha gum as a possible source of arabinogalactan-protein	Carbohydrate Polymers 72 (2008) 88 -94
	FR	Laboratoire "Polymeres, Biopolymeres et Membranes" UMR 6522 CNRS, Universite de Rouen	Luc Picton, Celine Cozic, Didier Le Cerf, Guy Muller		
OHpak SB-806M HQ OHpak SB-G	NL	Department of Pharmaceutics, Utrecht Institute for Pharmaceutical Sciences (UIPS), Faculty of Pharmaceutical Sciences, Utrecht University Department of Biochemistry & Cell Biology, Faculty of Veterinary Medicine, Utrecht University	J. Luten, M.J. van Steenberg, M.C. Lok, A.M. de Graaff, C.F. van Nostrum, H. Talsma, W.E. Hennink	Degradable PEG-folate coated poly(DMAEA-co-BA)phosphazene based polyplexes exhibit receptor-specific gene expression	European Journal of Pharmaceutical Science 33 (2008) 241 - 251
OHpak SB-804 HQ OHpak SB-806 HQ OHpak SB-G	VE	Universidad del Zulia (Centro de Investigaciones en Quimica de Productos Naturales)	Olga Beltran, Gladys Leon de Pinto, Fernando Rincon	Acacia macracantha gum as a possible source of arabinogalactan-protein	Carbohydrate Polymers 72 (2008) 88-94
	FR	Universite de Rouen (Laboratoire Polymeres, Biopolymeres et Membranes)	Luc Picton, Celine Cozic, Didier Le Cerf, Guy Muller		
OHpak SB-804 HQ OHpak SB-805 HQ OHpak SB-G	CM	University of Yaounde (Dept. of Biochemistry) Food and Nutrition Research Centre Univeristy of Dschang (Dept. of Biochemistry)	B.B. Koubala, L.I. Mbome, G. Kansci, F. Tchouanguep Mbiapo	Physicochemical properties of pectin from ambarella peels (Spondias cytherea) obtained using different extraction conditions	Food Chemistry 106 (2008) 1202-1207
	FR	INRA, Nantes Research Center	M.-J. Crepeau, J.-F. Thibault, M.-C. Ralet		
OHpak SB-802.5 HQ	IT	University of Parma (Dept. Pharmacy)	Irene Pasquali, Lidia Comi, Francesca Pucciarelli, Ruggero Bettini	Swelling, melting point reduction and solubilit of PEG 1500 in supercritical CO ₂	International Journal of Pharaceutics (2007)
OHpak SB-G OHpak SB-804 HQ	NL	Utrecht University (Dept. of Pharmaceutics, Dept. of Biochemistry & Cell Biology)	J. Luten, M. J. van Steenberg, M.C. Lok, A. M. de Graaff, C. F. van Nostrum, H. Talsma, W. E. Hennink	Degradable PEG-folate coated poly(DMAEA-co-BA)phosphazene based polyplexes exhibit receptor-specific gene expression	European Journal of Pharmaceutical Sciences (2007)

OHpak SB-G OHpak SB-806M HQ	JP	Hydrocolloid Laboratory, San-Ei Hen F.F.I., Inc.	Takahiro Funami, Guoyan Zhang, Mika Hiroe, Sakie Noda, Makoto Nakauma, Iwao Asai	Effects of the proteinaceous moiety on the emulsifying properties of sugar beet pectin	Food Hydrocolloids 21 (2007) 1319-1329
	US	Polytechnic University (Othmer Department of Chemical & Biological Science & Engineering)	Mary K. Cowmann		
	UK	North East Wales Institute (Glyn O. Phillips Hydrocolloid Research Centre) Phillips Hydrocolloid Research Ltd.	Saphwan Al-Assaf, Glyn O. Phillips		
OHpak SB-806M HQ	FR	Laboratoire de Physico-Chimie des Polymeres et des Milleux Disperses, UMR 7615	Laurence Petit, Carole Karakasyan, Nadege Pantoustier, Dominique Hourdet	Synthesis of graft polyacrylamide with responsive self-assembling properties in aqueous media	Polymer 48 (2007) 7098-7112
OHpak SB-806M HQ OHpak SB-G	NL	University of Amsterdam (Polymer-Analysis group) ATAS GL International Unilever Research and Development	Erwin R. Kaal, Mitsuhiro Kurano, Margit Geißler, Hans-Gerd Janssen	Hyphnation of aqueous liquid chromatography to pyrolysis-gas chromatography and mass spectrometry for the comprehensive characterization of water-soluble polymers	Journal of Chromatography A (2007)
OHpak SB-804 HQ	IT	University of Teramo (Dept. of Biomedical Sciences) University of Padova (Dept. of Biology)	Annalaura Sabatucci, Mariano Beltramini, Benedetto Salvato, Clotilde B. Angelucci, Mauro Maccarrone, Ivo Cozzani, Enrico Dainese	Structural Characterization of the Ceruloplasmin: Lactoferrin Complex in Solution	J. Mol. Biol. (2007) 371, 1038-1046
	FR	CNRS, IBBMC UMR 8619 - Orsay University Paris-Sud	Patrice Vachette		
	RU	Institute for Experimental Medicine, Saint-Petersburg	Vadim B. Vasuilyev, Alexey Sokolov, Maria Pulina		
OHpak SB-804 HQ	FR	CEA Valrho DEN/DTCD/SPDE/Laboratoire des Fluides Supercritique et Membranes Institut Charles Gerhardt (Ecole Nationale Suprieure de Chimie de Montpellier) Institut European des Membranes	Julien Galy, Bruno Fournel, Patrick Lacroix-Desmazes, Serge Lagerge, Michel Persin	Decontamination of solid substrates using supercritical carbon dioxide- Application with trade hydrocarbonated surfactants	J. of Supercritical Fluides 42 (2007) 69-79
	JP	EcoTopia Science Institute	Kayo Sawada		

OHpak SB-G OHpak SB-804 HQ OHpak SB-805 HQ	CM	University of Yaounde (Dept. of Biochemistry) CRAN, Ministry of Scientific Research and Innovation	B. B. Koukala, G. Kansci, L.I. Mbome	Effect of extraction conditions on some physicochemical characteristics of pectins from "Ameliorée" and "Mango" mango peels	Food Hydrocolloids (2008)
	FR	INRA, Biopolymeres Interactions Assemblages	M.-J. Crepeau, J.-F. Thibault, M.-C. Ralet		
OHpak SB-G OHpak SB-806 HQ	BE	Katholieke Universiteit Leuven (Laboratory of Food Chemistry and Biochemistry, Laboratory of Gene Technology) Universiteit Hasselt en Transnationale Universiteit Limburg (Biomedical Research Institute)	Karilien Moers, Tine Bourgois, Sigrid Rombouts, Tim Beilen, Steven Van Campenhout, Guido Volckaert, Johan Robben, Kristof Brijs, Jan A. Delcour, Christophe M. Courtin	Alteration of Bacillus subtilis XynA endoxylanase substrate selectivity by site-directed mutagenesis	Enzyme and Microbial Technology 41 (2007) 85-91
OHpak SB-G OHpak SB-804 HQ OHpak SB-805 HQ	FR	INRA, UR1268 Biopolymeres Interactions Assemblages CNRS-UMR 6027, Universite de Rouen	Beda Marcel Yapo, Patrice Lerouge, Jean-Francois Thibault, Marie-Christine Ralet	Pectins from citrus peel cell walls contain homogalacturonans homogeneous with respect to molar mass, rhamnogalacturonan I and rhamnogalacturonan II	Carbohydrate Polymers 69 (2007) 426-435
	CI	Unite de Formation et de Recherches en Sciences et Technologie des Aliments, Universite d'Abobo- Adjame	Beda Marcel Yapo		
OHpak SB-805 HQ OHpak SB-804 HQ	FR	Universite Cadi Ayyad (Laboratoire de Chimie Bioorganique et Macromoleculaire) Ecole Francaise de Papeterie et des Industries Graphiques	Abdelkader Bendahou, Alain Dufresne, Hamid Kaddami, Youssef Habibi	Isolation and structural characterization of hemicelluloses from palm of Phoenix dactylifera L.	Carbohydrate Polymers 68 (2007) 601-608
OHpak SB	CZ	Charles University (Dept. of Physical and Macromolecular Chemistry)	K. Podhajecka, K. Prochazka	Synthesis and viscoelastic behavior of water-soluble polymers modified with strong hydrophobic side chains	Polymer 48 (2007) 1586- 1595
	FR	Physico-Chimie des Polymeres et des Milieux Disperses	D. Hourdet		
OHpak SB-805 HQ OHpak SB-806 HQ	MG	Centre National de Recherche sur l'Environnement (Laboratoire de Microbiologie de l'Environnement)	H. Andriamanantoanina	Fractionation of extracted Madagascan Gracilaria corticata polysaccharides: Structure and properties	Carbohydrate Polymers 68 (2007) 77-88
	FR	Joseph Fourier University (Centre de Recherche sur les Macromolecules Vegetales)	G. Chambat, M. Rinaudo		
OHpak SB-805 HQ OHpak SB-806 HQ	AR	Planta Piloto de Ingenieria Quimica, PLAPIQUI	C.G Gomez, M.A. Villar	Oxidation of sodium alginate and characterization of the oxidized derivatives	Carbohydrate Polymers 67 (2007) 296-304
	FR	Universite Joseph-Fourier (Centre de recherches sur les macromolecules vegetales)	M. Rinaudo		

OHpak SB-807 HQ OHpak SB-806 HQ OHpak SB-804 HQ	UK	Imperial College London (Dept. of Chemistry)	Stuart McTavish, George J.P. Britovsek, Theo M. Smit, Vernon C. Gibson, Andrew J.P. White, David, J. Williams	Iron-based ethylene polymerization catalysts supported by bis(imino)pyridine ligands: Ederivatization via deprotonation/alkylation at the ketimine methyl position	Journal of Molecular Catalysis A: Chemical 261 (2007) 293-300
OHpak SB-G OHpak SB-806 HQ OHpak SB-804 HQ	UK	University of Plymouth (Applied Food Research Group)	Louise J. Cleary	The behaviour and susceptibility to degradation of high and low molecular weight barley beta-glucan in wheat bread during baking and in vitro digestion	Food Chemistry 102 (2007) 889-897
	SE	Swedish University of Agricultural Sciences (Dept. of Food Science)	Roger Andersson		
	NZ	Massey University (Institute of Food, Nutrition and Human Health)	Charles S. Brennan		
OHpak SB-806M HQ OHpak SB-G OHpak SB-LG OHpak SB-2006M	NL	Univ. Utrecht Institute for Pharmaceutical Sciences	X.Jiang, A. van der Horst, M.J. van Steenberg, N.Akeroyd, C.F. van Nostrum, P.J.Schoenmakers, W.E.Hennink	Aqueous size-exclusion chromatography of cationic polymers for gene delivery	Journal of Controlled Release 116 (2006) 69-71
OHpak SB-806 HQ OHpak SB-805 HQ OHpak SB-804 HQ	FR	Laboratoire de Chimie Chimique	A.Durand	Synthesis of amphiphilic polysaccharides by micellar catalysis	Journal of Molecular Catalysis A: Chemical 256 (2006) 284-289
OHpak SB-803 HQ	IL	The Hebrew Univ. Jerusalem, Department of Prosthodontics and Department of Medicinal Chemistry and Natural Products	N.beyth, I.Yudovin-Farber, R.Bahir, A.J.Domb, E.I.Weiss	Antibacterial activity of dental composite containing quaternary ammonium polyethylenimine nanoparticles against Streptococcus mutans	Biomaterials 27 (2006) 3995-4002
OHpak SB-802.5 HQ	BE	K.U. Leuven (Dept. of Chemical Engineering, Physics and Astronomy, Food and Microbial Technology) Ghent University (Particle and Interfacial Technology Group)	K.Boussu, Van der Bruggen, A.Volodin, C. Van Haesendonck, J.A.Delcour, P. Van der Meeren, C.Vandecasteele	Characterization of commercial nanofiltration membranes and comparison with self-made polyethersulfone membranes	Desalination 191 (2006) 245-253
OHpak SB-804 HQ	BE	K.U. Leuven (Laboratory for Applied Physical Chemistry and Environmental Technology)	K.Boussu, C.Vandecasteele, B. Van der Bruggen	Study of the characteristics and the performance of self-made nanoporous polyethersulfone membranes	Polymer 47 (2006) 3464-3476
OHpak SB-805 HQ	CH	University of Geneva (Analytical and Biophysical Environmental Chemistry)	A.Lagnuecir, S.Ulrich, J.Labille, N.Fatin-Rouge, S.Stoll, J.Buffe	Size and pH effect on electrical and conformational behavior of poly(acrylic acid): Simulation and experiment	European Polymer Journal 42 (2006) 1135-1144
OHpak SB-804 HQ OHpak SB-G	TN	Laboratoire Polymères, Biopolymères et matériaux Organiques, Faculté des Sciences de Monastir	Nour H. M'sakni, Hatem Majdoub, Sadok Roudesli	Composition, structure and solution properties of polysaccharides extracted from leaves of Mesembryanthemum crystallinum	European Polymer Journal 42 (2006) 786-795
	FR	CNRS-Université de Rouen (Laboratoire Polymères, Biopolymères et Matériaux Organiques, Laboratoire Glycobiologie et Transport chez les Végétaux)	Luc Picton, Didier Le Cerf, Christophe Rihouey, Claudine Morvan		

OHpak SB-803 HQ	PL	Cracow University of Technology (Dept. of Chemistry and Technology of Polymers)	Krzysztof Pielichowski, Kinga Flejtuch	Thermal properties of poly(ethylene oxide)/lauric acid blends: A SSA-DSC study	Thermochimica Acta 442 (2006) 18-24
OHpak SB-803 HQ OHpak SB-804 HQ OHpak SB-806 HQ	UA	Kiev Taras Shevchenko National University (Dept. of Chemistry)	N. Kutsevol, N. Melnik	Solution properties of dextran-polyacrylamide graft copolymers	Polymer 47 (2006) 2061-2068
	FR	Institut Charles Sadron Laboratoire de Spectrometrie Physique	J.-M. Guenet, D. Sarazin, C. Rochas		
OHpak SB-805 HQ OHpak SB-802.5 HQ	FR	Universite Victor Segalen Bordeaux 2 Laboratoire de Biotechnologie-Bioprocédés	Gilles Joucla, Sanra Pizzut, Pierre Monsan, Magali Remaud-Simeon	Construction of a fully active truncated alternansucrase partially delete of its carboxy-terminal domain	FEBS Letters 580 (2006) 763-768
OHpak SB-804 HQ OHpak SB-806 HQ	FR	Universite de Rouen (Laboratoire Polymeres, Biopolymeres, Membrane, Laboratoire d'Oncologie Moleculaire, Laboratoire de Spectrometrie de Masse Bio-organique)	Frederic Tranchepain, Brigitte Deschrevel, Marie-Noelle Courel, Nicolas Levasseur, idier Le Cerf, Corinne Loutelier-Bourhis, Jean-Claude Vincent	A complete set of hyaluronan fragments obtained from hydrolysis catalyzed by hyaluronidase: Application to studies of hyaluronan mass distribution by simple HPLC devices	Analytical Biochemistry 248 (2006) 232-242
OHpak columns	FR	Physico-Chimie des Polymeres et des Milleaux Disperses	N. Padmanabha Iyer, D. Hourdet, C. Chassenieux, P. Perrin	Synthesis and swelling behaviour of hydrophobically modified responsive polymers in dilute aqueous solutions	Polymer 46 (2005) 12190-12199
	IN	National Chemical Laboratory	M.V. Badinger, P.P. Wadgaonkar		
OHpak SB-806M HQ OHpak SB-G	FR	Utrecht Institute for Pharmaceutical Sciences (UIPS), Dept. of Pharmaceutics	Holger K. de Wolf, Jordy Luten, Cor J. Snel, Christien Oussoren, Wim E. Hennink, Gert Storm	In vivo tumor transfection mediated by polyplexes based on biodegradable poly(DMAEA)-phosphazene	Journal of Controlled Release 109 (2005) 275-287
OHpak SB-804 HQ OHpak SB-G	VE	Universidad del Zulia (Centro de Investigaciones en Quimica de los Productos naturales)	Olga Beltran, Gladys Leon de Pinto, Martitza Martinez	Fractionation and characterization of gum from Accacia tortuosa. Effect of enzymatic and alkaline treatments	Carbohydrate Polymers 62 (2005) 239-244
	FR	Universite de Rouen (Laboratoire Polymeres, Biopolymeres et Membranes)	Luc Picton, Celine Cozic, Didier Le Cerf, Guy Muller		
OHpak SB-802.5 HQ OHpak SB-803 HQ OHpak SB-G	BE	Katholieke universiteit Leuven (Laboratory of Food Chemistry, Laboratory for Applied Physical Chemistry and Environmental Technology)	Katrien Swennen, Christophe M. Courtin, Bart Van der Bruggen, Carlo Vandecasteele, Jan A. Delcour	Ultrafiltration and ethanol precipitation for isolation of arabinoxylooligosaccharides with different structures	Carbohydrate Polymers 62 (2005) 283-292
OHpak SB-803 HQ OHpak SB-804 HQ OHpak SB-805 HQ	CH	Nesle Research Center	R.J. Redgwell, C. Schmitt, M. Beeaulieu, D. Curti	Hydrocolloids from coffee: physicochemical and functional properties of an arabinogalactan-protein fraction from green beans	Food Hydrocolloids 19 (2005) 1005-1015

OHpak SB-802 HQ OHpak SB-806 HQ	FR	LCPP CPE/CNRS, UMR 2714, Cpatex BP8	J. Loiseau, C. Ladaviere, J.M. Suau	Dispersion of calcite by poly(sodium acrylate) prepared by reversible addition-fragmentation chain transfer (RAFT) polymerization	Polymer 46 (2005) 8565-8572
	US	University of New Hampshire (nanostructured Polymers Research Center)	J. Clavarie		
OHpak SB-803 HQ	IL	The Hebrew University of Jerusalem (Dept. of Pharmaceuticals, Medicinal Chemistry and Natural Products) Hadassar University Hospital (Dept. of Pathology)	Abdel-Kareem Azab, Morris Srebnik, Victoric Doviner, Abraham Rubinstein	Targeting normal and neoplastic tissues in the rat jejunum and colon with boronated, cationic acrylamide copolymers	Journal of Controlled Release 106 (2005) 14-25
OHpak SB-800 HQ Series	CH	Swiss Federal Institute of Technology and University of Zurich	Heather D. Maynard, Jeffrey A. Hubbell	Discovery of a sulfated tetrapeptide that binds to vascular endothelial growth factor	Acta Biomaterialia 1 (2005) 451-459
OHpak SB-806 HQ OHpak SB-805 HQ OHpak SB-804 HQ OHpak SB-G	FR	Laboratoire de Chimie Macromoleculaire (LCPM) UMR CNRS-INPL	Paragkumar N. Thanki, Edith Dellacherie, Jean-Luc Six	Prevailing mechanisms of the hydrolytic degradation of oligo(D,L-lactide)-grafted dextrans	European Polymer Journal 41 (2005) 1546-1553
OHpak SB-806 HQ	FR	Universite Pierre et Marie Curie (Laboratoire de Physico-Chimie Macromoleculaire), Laboratoire de Chimie des Polymeres Organiques (LCPO) UMR CNRS	Pascal Borget, Laurent Galmiche, Jean-Francois Le Meins, Francoise Lafuma	Microstructural characterisation and behaviour in different salt solutions of sodium polymethacrylate-g-PEO comb copolymers	Colloids and Surfaces A: Physicochem. Eng. Aspects 260 (2005) 173-182
OHpak SB-802 HQ (KB-802) OHpak SB-806M HQ (KB-806M)	NL	Utrecht University (Dept. Pharmaceutics, Dept. of Cell Biology and Histology), University of Groningen (Medical Biology)	Gert W. Bos, Wim E. Hennink, Linda A. Brouwer, Wim den Otter, Theo F.J. Veldhuis, Cornelus F. van Nostrum, Marja J.A. van Luyn	Tissue reaction of in situ formed dextran hydrogels crosslinked by stereocomplex formation after subcutaneous implantation in rats	Biomaterials 26 (2005) 3901-3909
OHpak SB-803 HQ	FR	Universite Joseph-Fourier (Centre de recherches sur les macromolecules vegetales)	Youssef Habibi, Michel R. Vignon	D-Xylans from seed endosperm of Opuntia ficus-indica prickly pear fruits	C.R. Chimie 8 (2005) 1123-1128
	MA	Universite Cadi-Ayyad (Unite de chimie agroalimentaire)	Youssef Habibi, Mostafa Mahrouz		
OHpak SB-805 HQ OHpak SB-804 HQ OHpak SB-G	FR	Assenblages INRA (Unite Biopolymeres)	Pilar Hellin, Marie-Christine Ralet, Estelle Bonnin, Jean-Francois Thibault	Homogalacturonans from lime pectins exhibit homogeneous charge density and molar mass distributions	Carbohydrate Polymers 60 (2005) 307-317
OHpak SB-806 HQ OHpak SB-G	BE	Katholieke universiteit Leuven (Laboratory of Food Chemistry)	Karolien Moers, Inge Celus, Kristof Brijs, Christophe M. Courtin, Jan A. Delcour	Endoxylanase substrate selectivity determines degradation of wheat water-extractable and water-unextractable arabinoxylan	Carbohydrate Research 340 (2005) 1319-1327
OHpak SB-803 HQ OHpak SB-804 HQ	FR	Universite Joseph-Fourier (Centre de recherches sur les macromolecules vegetales)	Youssef Habibi, Michel R. Vignon	Isolation and structural characterization of protopectin from the skin of Opuntia ficus-indica prickly pear fruits	Carbohydrate Polymers 60 (2005) 205-213
	MA	Universite Cadi-Ayyad (Unite de chimie agroalimentaire)	Youssef Habibi, Mostafa Mahrouz		
OHpak SB-802 HQ OHpak SB-803 HQ	FI	Helsinki University of Technology (laboratory of Bioprocess Engineering)	Hairong Xiong, Niklas von Weymarn, Ossi Turunen, Matti Leisola, Ossi Pastinen	Xylanase production by Trichoderma reesei Rut C-30 grown on L-arabinose-rich plant hydrolysates	Bioresource Technology 96 (2005) 753-759

OHpak SB-804 HQ OHpak SB-806 HQ OHpak SB-G	FR	Universite de Picardie Jules Verne (Laboratoire des Glucides), Centre de Valorisation des Glucides et des Produits Naturels, Universite de Rouen (Laboratoire Polymeres, Biopolymeres, Membranes)	J. Warrand, P. Michaud, L. Picton, G. Muller, B. Courtois, R. Ralainirina, J. Courtois	Structural investigations of the neutral polysaccharide of <i>Linum usitaissimum</i> L. seeds mucilage	International Journal of Biological Macromolecules 35 (2005) 121-125
OHpak SB-806 HQ OHpak SB-G	BE	Katholieke Universiteit Leuven (Laboratory of Food Chemistry)	Kurt Gebruers, Christophe M. Courtin, Karolien Moers, Iris Noots, Isabel Troughy, Jan A. Delcour	The bread-making functionalities of two <i>Aspergillus niger</i> endoxylanases are strongly dictated by their inhibitor sensitivities	Enzyme and Microbial Technology 36 (2005) 417-425
OHpak SB-803 HQ	PL	Cracow University of Technology (Dept. of Chemistry and Technology of Polymers)	Krzysztof Pielichowski, Kinga Flejtuch	Non-oxidative thermal degradation of poly(ethylene oxide): kinetic and thermoanalytical study	J. Anal. Appl. Pyrolysis 73 (2005) 131-138
OHpak SB-806M HQ OHpak SB-804 HQ	BE	ULB Campuis Plaine (Laboratoire de Pharmacognosie), ULB Campus Erasme (Laboratoire d'Immunologie Experimentale)	Gabriel Biringanine, Bernard Vray, Vincent Vercruysse, Renee Vanhaelen-Fastre, Maurice Vanhaelen, Pierre Duez	Polysaccharides extracted from the leaves of <i>Plantago pallmata</i> Hook.f. induce nitric oxide and tumor necrosis factor-alpha production by interferon-gama-activated macrophages	Nitric Oxide 12 (2005) 1-8
OHpak SB-806 HQ OHpak SB-G (KB-G)	DE	University of Jena (Center of Excellence for Polysaccharide Research)	L.A. Ramos, Th. Heinze	Carboxymethylation of cellulose in the new solvent dimethyl sulfoxide/tetrabutylammonium fluoride	Carbohydrate Polymers 60 (2005) 259-267
	BR	Universidade de Sao Paulo (Instituto de Quimica de Sao Carlos)	L.A. Ramos, E. Frollini		
OHpak SB-804 HQ OHpak SB-806 HQ OHpak SB-G	FR	Universite de Rouen Institut Francais du Petrole	I. Rousseau, D. Le Cerf, L. Picton, J.F. Argillier, G. Muller	Entrapment and release of sodium polystyrene sulfonate (SPS) from calcium alginate gel beads	European Polymer Journal 40 (2004) 2709-2715
OHpak SB-802.5 HQ OHpak SB-803 HQ OHpak SB-804 OHpak SB-G	CH	Firmenich S.A., Food Science and Technology	F. Avaltroni, P.E. Bouquerand, V. Normand	Maltodextrin molecular weight distribution influence on the glass transition temperature and viscosity in aqueous solutions	Carbohydrate Polymers 58 (2004) 323-334
OHpak SB-G OHpak SB-804 HQ OHpak SB-805 HQ	DK	Danisco Innovation Danisco Sugar	Hans Christian Buchholt, Tove Martel Ida Else Christensen, Bjarne Fallesen	Preparation and properties of enzymatically and chemically modified sugar beet pectins	Carbohydrate Polymers 58 (2004) 149-161
	FR	Institut National de la Recherche Agronomique (Unite de Recherche sur les Polysaccharides, leur Organisations et Interactions)	Marie-Christine Ralet, Jean-Francois Thibault		

OHpak SB	FR	Laboratoire de Physico-Chimie Moleculaire des Membranes Biologiques, CNRS and Universite Paris-7, Institut de Biologie Institut Laue-Langevin, Larce Scale Structures Group Laboratoire de Physico-Chimie Macromoleculaire Laboratoire de Biophysique Moleculaire, Institut de Biologie Structurale	Yann Gohon, Peter Timmins, Christophe Tribet, Jean-Luc Popot, Christine Ebel	Partial specific volume and solvent interactions of amphipol A8-35	Analytical Biochemistry 334 (2004) 318-334
	RU	Russian Academy of Sciences, Institute of Macromolecular Compounds	Gregory Pavlov		
OHpak SB-804 HQ OHpak SB-805 HQ	FR	Centre de Recherches sur les Macromolecules (affiliated with Joseph Fourier University)	Karim Mazeau, Marguerite Rinaudo	The prediction of the characteristics of some polysaccharides from molecular modeling. Comparison with effective behaviour	Food Hydrocolloids 18 (2004) 885-898
OHpak SB-G OHpak SB-806 HQ	BE	Katholieke Universiteit leuven, Laboratory of Food Chemistry	I. Trogh, C.M. Courtin, J.A. Delcour	The combined use of hull-less barley flour and xylanase as a strategy for wheat/hull-less barley flour breads with increased arabinoxylan and)1 ->3, 1-> 4)-beta-D-glucan levels	Journal of Cereal Science 40 (2004) 257-267
	SE	Swedish University of Agricultural Sciences (Dept. of Food Science)	A.A.M. Andersson, P. Aman		
	DK	Danisco	J.F. Sorensen		
OHpak SB-804 HQ OHpak SB-805 HQ OHpak SB-806 HQ	FR	Laboratoire de Chimie Physique Macromoleculaire	S. Touchal, A. Jonquieres, R. C;ement, P. Lochon	Copolymerization of 1-vinylpyrrolidone with N-substituted methacrylamides: monomer reactivity ratios and copolymer sequence distribution	Polymer 45 (2004) 8311-8322
OHpak SB-803 HQ OHpak SB-804 HQ OHpak SB-806M HQ	SE	Lund University (Div. Food Technology) Swedish University of Agricultural Sciences (Dept. Food Science) SkyePharma AB	Lidia Elfstrand, Tuomo Frigard, Roger Andersson, Ann-Charlotte Eliasson, Monica Jonsson, Mats Reslow, Marie Wahlgren	Recrystallisation behaviour of native and processed waxy maize starch in relation to the molecular characteristics	Carbohydrate Polymers 57 (2004) 389-400
OHpak SB-804 HQ	IL	Hebrew University of Jerusalem (Dept. Medicinal Chemistry and Natural Products, and Kuvim Center for the Study of Infectious Diseases)	Tirsta Ehrenfreund-Kleinman, Jacob Golenser, Abraham J. Domb	Conjugation of amino-containing drugs to polysaccharides by tosylation: amphotericin B-arabinogalactan conjugates	Biomaterials 25 (2004) 3049-3057
OHpak SB-806 HQ	BE	Katholieke Universiteit Leuven (Laboratory of Food Chemistry)	Sofie A. Frederix, Christophe M. Courtin, Jan A. Delcour	Substrate selectivity and inhibitor sensitivity affect xylanase functionality in wheat flour gluten-starch separation	Journal of Cereal Science 40 (2004) 41-49
OHpak SB-G OHpak SB-804 HQ OHpak SB-806 HQ	US	Iowa State University (Dept. Food Science and Human Nutrition)	Dong Soon Suh, Jay-lin Jane	Characterization of Nubet and Franubet barley starches	Carbohydrate Polymers 56 (2004) 85-93
	UK	John Innes Centre (Metabolic Biology Dept.)	Tamara Verhoeven, Kay Denyer		
OHpak SB-806 HQ	BE	Katholieke Universiteit Leuven (Laboratory of Food Chemistry)	W. Gys, C.M. Courtin, J.A. Delcour	Reduction of xylanase activity in flour by debranching retards syrupe in refrigerated doughs	Journal of Cereal Science 39 (2004) 371-377

OHpak SB-803 HQ	CL	Universidad de Chile (Center for Advanced Interdisciplinary Research in Materials)	Yadienka Martinez, Jaime Retuert, Meherdad Yazdani-Pedram	Hybrid ternary organic-inorganic films based on interpolymer complexes and silica	Polymer 45 (2004) 3257-3265
	DE	Max-Planck Institute of Colloids and Interfaces	Helmut Cölfen		
OHpak SB-804 HQ OHpak SB-803 HQ	FR	Universite Joseph Fourier, Centre de Recherches sur les macromolécules Vegetales	Y. Habibi, A. Heyraud, M. R. Vignon	Structural features of pectic polysaccharides from the skin of <i>Opuntia ficus-indica</i> prickly pear fruits	Carbohydrate Research 339 (2004) 1119-1127
	MA	Universite Cadi Ayyad (Unite de chimie agroalimentaire)	Y. Habibi, M. Mahrouz		
OHpak SB-804 HQ	FR	Universite Joseph Fourier, Centre de Recherches sur les macromolécules Vegetales	Youssef Habibi, Marie-France Marais, Michel R. Vignon	An arabinogalactan from the skin of <i>Opuntia ficus-indica</i> prickly pear fruits	Carbohydrate Research 339 (2004) 1201-1205
	MA	Universite Cadi Ayyad (Unite de chimie agroalimentaire)	Youssef Habibi, Mostafa Mahrouz		
OHpak SB-803 HQ	IL	Hebrew University of Jerusalem (Dept. Medicinal Chemistry and Natural Products, and Dept. Biological Chemistry)	Tony Azzam, Hagit Eliyahu, Arik Makovitzki, Michal Linial, Abraham J. Domb	Hydrophobized dextran-spermine conjugate as potential vector for in vitro gene transfection	Journal of Controlled Release 96 (2004) 309-323
OHpak SB-806 HQ OHpak SB-G	BE	Katholieke Universiteit Leuven (Laboratory of Food Chemistry)	C. Maes, B. Vangeneugden, J.A. Delcour	Relative activity of two endoxylanases towards water-unextractable arabinoxylans in wheat bran	Journal of Cereal Science 39 (2004) 181-186
OHpak SB-804 HQ OHpak SB-805 HQ	GR	University of Patras (Institute of Chemical Engineering and High Temperature Chemical Processes, and Dept. Chemistry)	M. Sotiropoulou, G. Bokias, G. Staikos	Water-soluble polyelectrolyte complexes formed by poly(diallyldimethylammonium chloride) and poly(sodium acrylate-co-sodium 2-acrylamino-2-methyl-1-propanesulfonate)-graft-poly(N,N-dimethylacrylamide) copolymers	Polymer 45 (2004) 1563-1568
	RO	University Politehnica of Bucharest (Dept. Macromolecular Chemistry)	C. Cincu		
OHpak SB-803 HQ	PL	Cracow University of Technology (Dept. of Chemistry and Technology of Polymers)	Krzysztof Pielichowski, Kinga Flejtuch, Jan Pielichowski	Step-scan alternating DSC study of melting and crystallisation in poly(ethylene oxide)	Polymers 45 (2004) 1235-1242
OHpak SB	FI	Abo Akademi University (Process Chemistry Gr.)	Tea Hannuksela	NMR structural determination of dissolved O-acetylated galactoglucomannan isolated from spruce thermomechanical pulp	Carbohydrate Research 339 (2004) 301-312
	FR	Centre de Recherches sur les Macromolécules Vegetales (affiliated with Joseph Fourier University)	Catherine Herve du Penhoat		

OHPak SB-804 HQ OHPak SB-805 HQ OHPak SB-806 HQ	FR	Laboratoire LAPHAL UFR des Sciences Pharmaceutiques (Laboratoire de Technique Pharmaceutique Industrielle) Ecole Nationale Supérieure de Chimie de Montpellier (Unité mixte de recherche Centre National de recherche Scientifique)	S. Girod, M. Boissiere, K. Longchambon, S. Begu, C. Tourne-Petheil, J.M. Devoisselle	Polyelectrolyte complex formation between iota-carrageenan and poly(L-lysine) in dilute aqueous solutions: a spectroscopic and conformational study	Carbohydrate Polymers 5 (2004) 37-45
OHPak SB-804 HQ OHPak SB-805 HQ OHPak SB-806 HQ	FR	UMR CNRS-INPL 7568 Nancy (Laboratoire de Chimie Physique Macromoléculaire) Laboratoire d'Hématologie-Physiologie, Nancy	D. Chognot, J.L. Six, M. Leonard, F. Bnneaux, C. Vigneron, E. Dellacherie	Physicochemical evaluation of PLA nanoparticles stabilized by water-soluble MPEO-PLA block copolymers	Journal of Colloid and Interface Science 268 (2003) 441-447
OHPak SB-803 HQ OHPak SB-805 HQ OHPak SB-G	FR	INRA Montpellier (Unité Mixte de Recherche Science pour l'Océologie)	Stephane Vidal, Pascale Williams, Thery Doco, Michel Moutounet, Patrice Pellerin	The polysaccharides of red wine: total fractionation and characterization	Carbohydrate Polymers 54 (2003) 439-447
	AU	Cooperative Research Center for Viticulture	Stephane Vidal		
OHPak SB-804 HQ OHPak SB-803 HQ	IT	Universita di Napoli (Dipartimento di Scienze del Suolo)	P. Conte, R. Spaccini, M. Chiarella, A. Piccolo	Chemical properties of humic substances in soils of an Italian volcanic system	Geoderma 117 (2003) 243- 250
OHPak SB-804 HQ OHPak SB-806 HQ OHPak SB-G	FR	Universite de Rouen (Laboratoire Polymeres, Biopolymeres, Membranes)	S. Simon, J.Y. Dugast, D. Le Cerf, L. Picton, G. Muller	Amphiphilic polysaccharides. Evidence for a competition between intra and intermolecular associations in dilute system	Polymer 44 (2003) 7917- 7924
OHPak SB-804 HQ	CH	Swiss Federal Institute of Technology Zurich (ETH, Institute of Pharmaceutical Sciences and Institute for Biomedical Engineering)	Chirasak Kusonwiriawong, Petra van de Wetering, Jeffery A. Hubbell, Hans P. Merkle, Elke Walter	Evaluation of pH-dependent membrane-disruptive properties of poly(acrylic acid) derived polymers	European Journal of Pharmaceutics and Biopharmaceutics 56 (2003) 237-246
OHPak SB-804 HQ OHPak SB-805 HQ	FR	Unité de Recherche sur les Polysaccharides, leurs Organisations et Interactions INRA Nantes	E. Bonnin, A. Le Goff, J.-F. Thibault	Mode of action of Fusarium moniliforme endopolygalacturonase towards acetylated pectin	Carbohydrate Polymers 52 (2003) 381-388
	NL	Wageningen University (Laboratory of Food Chemistry, Dept. of Agrotechnology and Food Sciences)	G.-J.W.M. van Alebeek		
OHPak SB-806 HQ OHPak SB-G	NL	Utrecht University (Dept. Pharmaceutics, Dept. of Medicinal Chemistry)	J. Luten, J.H. van Steenis, R. van Someren, J. Kemmink, N.M.E. Schuurmans-Nieuwenbroek, G.A. Koning, D.J.A. Crommelin, C.F. van Nostrum, W.E. Hennink	Water-soluble biodegradable cationic polyphosphazenes for gene delivery	Journal of Controlled Release 89 (2003) 483-497
OHPak SB-803 HQ OHPak SB-804 HQ	BE	Katholieke Universiteit Leuven (Laboratory of Food Chemistry)	Greta G. Gelders, Lieve Bijmens, Anne- Marie Loosveld, An Vidts, Jan A. Delcour	Fractionation of starch hydrolysates into dextrans with narrow molecular mass distribution and their detection by high- performance anion-exchange chromatography with pulsed amperometric detection	Journal of Chromatography A, 992 (2003) 75-83

OHpak SB-802.5 HQ OHpak SB-804 HQ OHpak SB-805 HQ	FR	INRA, Unite de Recherche sur les Polysaccharides, leurs Organisations et Interactions	Maud Thomas, Gaelle Chauvelon, marc Lahaye, Luc Saulnier	Locations of sulfate groups on sulfoacetate derivatives of cellulose	Carbohydrate Research 338 (2003) 761-770
GFC	FR	Universite Paris XII (Laboratoire de Recherche sur la Croissance Cellulaire, la Reparation et Regeneration Tissulaires)	Dominique Ledoux, Didier Merciris, Denis Barritault, Jean-Pierre Caruelle	Heparin-like dextran derivatives as well as glycosaminoglycans inhibit the enzymatic activity of human cathepsin G	FEBS Letters 537 (2003) 23-29
OHpak SB-806M HQ	NL	Utrecht University (Dept. Pharmaceutics) OctoPlus B.V.	J.H. van Steenis, E.M. van Marreseveen, F.J. Verbaan, R. Verrijck, D.J.A. Crommelin, G. Storm, W.E. Hennink	Preparation and characterization of folate-targeted pEG-coated pDMAEMA-based polyplexes	Journal of Controlled Release 87 (2003) 167-176
OHpak SB-804 HQ OHpak SB-806 HQ OHpak SB-G	FR	Universite de Toulon et du Var (Equipe d'accueil Materiaux a Finalites, Specifiques, Laboratoire de Chimie Appliquee)	F. Boschet, C. Branger, A. Margaillan	Synthesis and characterization of PS-block-PEO associative water-soluble polymers	European Polymer Journal 39 (2003) 333-339

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Shodex columns	Country	Organization	Authors	Title	Journal
SUGAR SH1011	TR	Department of Food Engineering, University of Mersin, Ciftlikkoy, Mersin Department of Food Engineering, Hacettepe University, Beytepe, Ankara	Sezin Tuta, T. Koray Palazog˘lu, Vural G˘okmen	Effect of microwave pre-thawing of frozen potato strips on acrylamide level and quality of French fries	Journal of Food Engineering 97 (2010) 261–266
SUGAR SH1011	TH	School of Biotechnology, Suranaree University of Technology, Muang, Nakhon Ratchasima	Chakkrit Umpuch, Sunthorn Kanchanatawee	Nanofiltration as a purification step in production process of organic acids: Selectivity improvement by addition of an inorganic salt	Process Biochemistry xxx (2010) xxx–xxx
	FR	Universit� de Toulouse, INPT, UPS, Laboratoire de G�nie Chimique CNRS, Laboratoire de G�nie Chimique, Toulouse	Sylvain Galier, H�l�ne Roux-de Balmann		
SUGAR SH1011	PT	Instituto deTecnologia Qu�mica e Biol�gica, Universidade Nova de Lisboa / Instituto de Biologia Experimentale Tecnol�gica (ITQB-UNL/IBET), Apartado12, Oeiras Departamento de Qu�mica, Faculdade de Ciencia e Tecnologia, Universidade Nova de Lisboa (FCT-UNL), Caparica	Nuno Carinhas, Vicente Bernal, Francisca Monteiro, Manuel J.T. Carrondo, Rui Oliveira, Paula M. Alves	Improvingbaculovirusproductionathighcelldensitythroughmanipulation of energymetabolism	Metabolic Engineering 12 (2010) 39–52
SUGAR SH1011	TR	Department of Food Engineering, Hacettepe University	Arda Serpen, Vural G˘okmen	Evaluation of the Maillard reaction in potato crisps by acrylamide, antioxidant capacity and color	Journal of Food Composition and Analysis (2008)

SUGAR SH1011	PT	ITQB-UNL/IBET	Ana I. Amaral, Ana S. Coroadinha, Paula M. Alves	Improving retroviral vectors production: Role of carbon sources in lipid biosynthesis	Journal of Biotechnology 138 (2008) 57 - 66
	FR	Cenethon	Otto-W. Merten		
SUGAR KS-801	BR	Bioprocess Engineering and Biotechnology Division, Federal University of Parana	Paula F. Siqueira, Susan G. Karp, Julio C. Carbvalho, Wilerson Sturm, Jose A. Rodriguez-Leon, Carlos R. Soccol	Production of bio-ethanol from soybean molasses by <i>Saccharomyces cerevisiae</i> at laboratory, pilot and industrial scales	Bioresource Technology 99 (2008) 8156 - 8163
	FR	Laboratory of Microbiology, IRD, University of Provence/University of the Mediterranean	Jean-Luc Tholzan		
	IN	Biotechnology Division, National Institute for Interdisciplinary Science and Technology (formerly Regional Research Laboratory)	Reeta Rani Singhania, Ashok Pandey		
SUGAR SH1011	TR	Department of Food Engineering, Hacettepe University	Vural Goekmen, Arda Serpen, Oezge Cetinkaya Acar	Significance of furosine as heat-induced marker in cookies	Journal of Cereal Science 48 (2008) 843 - 847
	ES	Instituto del Frio, Consejo, superior de Investigaciones Cientificas	Francisco J. Morales		
SUGAR KS-2002	PT	University of Aveiro (Mass Spectrometry Center, CICECO)	Virginia M. F. Goncalves, Dmitry V. Evutuguin, M. Rosario M. Domingues	Structural characterization of the acetylated heteroxylan from the natural hybrid <i>Paulownia elongata</i> / <i>Paulownia fortunei</i>	Carbohydrate Research 343 (2008) 256-266
SUGAR 1011	PL	Technical University of Lodz (Dept. of Bioprocess Engineering)	Marcin Bizukojc, Stanislaw Ledakowicz	Simultaneous biosynthesis of (+)-geodin by a lovastatin-producing fungus <i>Aspergillus terreus</i>	Journal of Biotechnology 132 (2007) 453-460
SUGAR SP0810	NL	University of Groningen (Laboratory of Biochemistry)	Dominic P.H.M. Heuts, Dick B. Janssen, Marco W. Fraaije	Changing the substrate specificity of a chitooligosaccharide oxidase from <i>Fusarium graminearum</i> by model-inspired site-directed mutagenesis	FEBS Letters 581 (2007) 4905-4909
SUGAR SH1011 or SC1011	PL	Technical University of Lodz (Dept. of Bioprocess Engineering)	Marcin Bizukojc, Stanislaw Ledakowicz	A macrokinetic modelling of the biosynthesis of lovastatin by <i>Aspergillus terreus</i>	Journal of Biotechnology 130 (2007) 422-435
SUGAR SH1011 or SC1011	PL	Technical University of Lodz (Dept. of Bioprocess Engineering)	Marcin Bizukojc, Beata Pawlowska, Stanislaw Ledakowicz	Supplementation of the cultivation media with B-group vitamins enhances lovastatin biosynthesis by <i>Aspergillus terreus</i>	Journal of Biotechnology 127 (2007) 258-268
SUGAR SH1011	FR	Laboratoire de Chimie Chimique	A.Bouchoux, H.R.Balman, F.Lutin	Investigation of nanofiltration as a purification step for lactic acid production processes based on conventional and bipolar electrodialysis operations	Separation and Purification Technology 52 (2006) 266-273

SUGAR KS-806 SUGAR KS-804 SUGAR KS-802	NL	Univ. Wageningen, Department of Food and Bioprocess Engineering	M.W. Van der Veen, S.Veelaert, A.J. Van der Goot, R.M.Boom	Starch hydrolysis under low water conditions: A conceptual process design	Journal of Food Engineering 74 (2006) 178-186
SUGAR SC1011	PO	Technical University of Lodz (Dept. of Bioprocess Engineering)	M.Bizukojc, S.Ledakowicz	A kinetic model to predict biomass content for <i>Aspergillus niger</i> germinating spores in the submerged culture	Process Biochemistry 42 (2006) 1063-1071
SUGAR SH1821	JP	Food Science Research Institute	Akihiro Nakamura	Molecular characterisation of soybean polysaccharides: an approach by size exclusion chromatography, dynamic and static light scattering methods	Carbohydrate Research 340 (2005) 2637-2644
	DE	Institut für Makromolekulare Chemie	Walther Burchard		
	CA	Agriculture and Agri-Food Canada, University of Guelph (Dept. of Physics)	Qi Wang, Xiaoqing Huang, F. Ross Hallett		
SUGAR SH1011	FR	Universite Paul Sabatier (laboratoire de Genie Chimique) Eurodia Industrie	Antoine Bouchoux, Helene Roux-de Balmann, Florence Lutin	Nanofiltration of gulcose and sodium lactate solutions Variations of retention between single- and mixed-solute solutions	Journal of Membrane Science 258 (2005) 123-132
SUGAR SH1011	PL	Technical University of Lodz (Dept. of Bioprocess Engineering)	Marcin Bizukojc, Stanislaw Ledakowicz	The kinetics of simultaneous glucose and fructose uptake and product formation by <i>Aspergillus niger</i> in citric acid fermentation	Process Biochemistry 39 (2004) 2261-2268
SUGAR KS-806 SUGAR KS-804 SUGAR KS-802	BE	University of Antwerpen (Laboratory of Pharmaceutical Technology and Biopharmacy) Ghent University (Laboratory of Pharmaceutical Technology, Laboratory of Microbiology, Dept. of Solid State Sciences) Ghent University Hospital (Dept. Ophthalmology)	W. Weyenberg, A. Vermeire, E. D'haese, G. Vanhaelewyn, P. Kestelyn, F. Callens, H.J. Nelis, J.P. Remon, A. Ludwig	Effect of different sterilisation methods on the properties of bioadhesive powders and ocular minitabets, and clinical evaluation	European Journal of Pharmaceuticals Sciences 23 (2004) 77-87
SUGAR KS-2002	PT	University of Aveiro (Dept. Chemistry)	Ana Reis, Paula Pinto, M.A. Coimbra, Dmitry V. Evtuguin, Carlos P. Neto, A. J. Ferrer Correia, M. Rosario M. Domingues	Structural Differentiation of Uronosyl Substitution Patterns in Acidic Heteroxylans by Electrospray Tandem Mass Spectrometry	J Am Soc Mass Spectrom 2004, 15, 43-47
SUGAR	UK	South Bank University (Faculty of Engineering, Science and Technology) Cardiff School of Biosciences (Microbiology Group)	Douglas B. Burray, David Lloid	Generation and maintenance of synchrony in <i>Saccharomyces cerevisiae</i> continuous culture	Experimental Cell Research 287 (2003) 10-15
	US	Beckam Research Institute of the City of Hope Medical Center	Douglas B. Burray, Robert R. Klevecz		
SUGAR SH1011	PL	Technical University of Lodz (Dept. of Bioprocess Engineering)	Marcin Bizukojc, Stanislaw Ledakowicz	Morphologically structured model for growth and citric acid accumulation by <i>Aspergillus niger</i>	Enzyme and Microbial Technology 32 (2003) 268-281

GPC

Shodex columns	Country	Organization	Authors	Title	Journal
GPC UT-G GPC UT-806M GPC UT-807 GPC AT-806MS	FR	Centre National d'Evaluation de Photoprotection (CNEP), Universite Blaise Pascal, Aubiere Clermont Universit�, UBP, Laboratoire SEESIB, Clermont-Ferrand CNRS, UMR 6504, Aubi�re Association NEOSAC, Ste Sigol�ne Groupe Extrusion Soufflage de Ste Sigol�ne (E3S) Formerly employee of LyondellBasell, France	St�phane Fontanella, Sylvie Bonhomme, Jean-Paul Courdavault, Guy Samuel, G�rard Pichon, Jacques Lemaire, Anne-Marie Delort	Comparison of the biodegradability of various polyethylene films containing pro-oxidant additives	Polymer Degradation and Stability 95 (2010) 1011-1021
	CZ	Tomas Bata University in Zlin, Faculty of Technology, Department of Environmental Engineering	Marek Koutny, Lucie Husarova		
	BE	Total Petrochemicals Research Feluy, Zone industrielle C, Feluy	Jean-Michel Brusson		
	IT	Basell Poliolefine Italia srl, G. Natta R & D Research Centre, Ple Donegani 12, Ferrara	Silvio Pitteri		
GPC KF-805 GPC KF-804 GPC KF-802.5	SE	AnoxKaldnes AB, Lund	Simon Bengtsson, Peter Johansson	Molecular weight and thermal properties of Polyhydroxyalkanoates produced from fermented sugar molasses by open mixed cultures	Journal of Biotechnology 147 (2010) 172–179
	PT	REQUIMTE/CQFB, Chemistry Department, FCT/Universidade Nova de Lisboa, Caparica	Ana R. Pisco, Paulo C. Lemos, Maria A.M. Reis		
GPC	RO	“Petru Poni” Institute of Macromolecular Chemistry, Iasi	Mariana-Dana Damaceanu, Valentina-Elena Musteata, Mariana Cristea, Maria Bruma	Viscoelastic and dielectric behaviour of thin films made from siloxane-containing poly(oxadiazole-imide)s	European Polymer Journal 46 (2010) 1049–1062
GPC UT-807 GPC UT-806M	DE	Institute of Polymer Materials, Friedrich-Alexander-University Erlangen-N�rnberg	Ute Ke�rner, Helmut M�nstedt	Thermorheology as a method to analyze long-chain branched polyethylenes	Polymer 51 (2010) 507–513
GPC KD-802 GPC KD-803 GPC KD-806M	FR	Laboratoire de Chimie Physique Industrielle, UMR 614 Fractionnement des Agroressources et Emballage, Universit� de Reims Champagne Ardenne, Centre EuroPol'Agro	Houda Boussarsar, Barbara Rog�, Mohamed Mathlouthi	Optimization of sugarcane bagasse conversion by hydrothermal treatment for the recovery of xylose	Bioresource Technology 100 (2009) 6537–6542
GPC AT-806MS	JP	Toyohashi University of Technology Okayama University	Katsuhide Murata, Yusaku Sakata	Thermal degradation of polyethylene into fuel oil over silica–alumina by a continuous flow reactor	J. Anal. Appl. Pyrolysis 86 (2009) 354–359
	RO	“Petru Poni” Institute of Macromolecular Chemistry, Iasi	Mihai Brebu		

GPC AT-806MS	JP	Toyohashi University of Technology Okayama University	Katsuhide Murata, Yusaku Sakata	The effect of PVC on thermal and catalytic degradation of polyethylene, polypropylene and polystyrene by a continuous flow reactor	J. Anal. Appl. Pyrolysis 86 (2009) 33–38
	RO	“Petru Poni” Institute of Macromolecular Chemistry, Iasi	Mihai Brebu		
GPC KF-804	IT	Pharmaco-Chemistry Department, Faculty of Pharmacy, University of Bari Pharmaco-Biology Department, Laboratory of Biochemistry and Molecular Biology, University of Bari and CNR Institute of Biomembranes and Bioenergetics	Valentino Laquintana, Nunzio Denora, Tiziana Musacchio, Massimo Lasorsa, Andrea Latrofa, Giuseppe Trapani	Peripheral Benzodiazepine Receptor ligand–PLGA polymer conjugates potentially useful as delivery systems of apoptotic agents	Journal of Controlled Release 137 (2009) 185–195
GPC KF-G GPC KF-801 GPC KF-803 GPC KF-805	FR	Ingenierie des Materiaux Polumeres/LRMP, UMR CNRS 5523, Universite Jean Monnet Universite Jean Monnet, Department de Chimie	Peichun Li, Amar Zerroukhi, Yvan Chalamet, Thomas Jeanmaire	Synthesis of poly(ϵ -caprolactone)-block-poly(n -butyl acrylate) by combining ring-opening polymerization and atom transfer radical polymerization with $Ti[OCH_2CCl_3]_4$ as difunctional initiator: I. Kinetic study of $Ti[OCH_2CCl_3]_4$ initiated ring-opening polymerization of ϵ -caprolactone	Polymer 50 (2009) 1109 - 1117
	CN	School of Materials Science and Engineering, East China University of Science and Technology	Peichun Li, Jianding Chen, Zhean Xia		
GPC KD-802 GPC KD-804 GPC KD-806M	FR	UMR URCA (Laboratoire deTechnologie Enzymatique et Physio-chimie des Agroressources) Laboratoire associe a l'Universite Josephe Fourier) INSA (Laboratoire Biocatalyse)	C. Remond, I. Boukari, G. Chambat, M. O'Donohue	Action of a GH 51 α -L-arabinofuranosidase on wheat-derived arabinoxylans and arabino-xylooligosaccharides	Carbohydrate Polymers 72 (2008) 424 - 430
GPC UT-806M GPC UT-807	DE	Institute of Polymer materials, Department of Materials Science, University of Erlangen-Nuernberg	Florian J. Stadler, Helmut Muenstedt	Numerical description of shear viscosity functions of long-chain branched metallocene-catalyzed polyethylenes	J. Non-Newtonian Fluid Mech. 151 (2008) 129 - 135
GPC K-803	CN	Wuhan University (Dept. of Polymer Science)	Qi Xu, John F. Kennedy, Lijian Liu	An ionic liquid as reaction media in the ring opening graft polymerization of ϵ -caprolactone onto starch granules	Carbohydrate Polymers 72 (2008) 113-121
	UK	University of Birmingham Research Park (Chembiochem Laboratories)	John F. Kennedy		
GPC KD-802 GPC KD-804 GPC KD-806M	FR	UMR URCA (Laboratoire deTechnologie Enzymatique et Physio-chimie des Agroressources) Laboratoire associe a l'Universite Josephe Fourier) INSA (Laboratoire Biocatalyse)	C. Remond, I. Boukari, G. Chambat, M. O'Donohue	Action of a GH 51 α -L-arabinofuranosidase on wheat-derived arabinoxylans and arabino-xylooligosaccharides	Carbohydrate Polymers (2007)
GPC K-80M	ES	Universidad Rovira I Virgili (Departament de Quimica Analitica I Quimica Organica)	J. Canadelle, A. Mantecon, V. Cadiz	Flame retardance and shrinkage reduction of polystyrene modified with acrylate-containing phosphorus and crosslinkable spiro-orthoester moieties	Polymer Degradation and Stability 92 (2007) 1482-1490
	UK	Polymer Centre (Dept. of Chemistry)	B. J. Hunt, A. G. Cook		

GPC KF-802.5 GPC KF-803	UK	Univ. York, Department of Chemistry	C.S.Love, I.Ashworth, C.Brennan, V.Chechik, D.K.Smith	Dendron-protected Au nanoparticles - Effect of dendritic structure on chemical stability	Journal of Colloid and Interface Science 302 (2006) 178-186
GPC KD-G GPC KD-806M GPC KD-804	FR	LEPMI (laboratoire d'Electrochimie et de Physicochimie des Materiaux et des Interfaces)	C.Chauvin, C.Iojoiu, F.Alloin, J.-Y.Sanchez	new polymer electrolytes based on ether sulfate anions for lithium polymer batteries Prt I. Multifunctional ionomers: Conductivity and electrochemical stability	Electrochimica Acta 51 (2006) 5876-5884
Shodex GPC columns	SE	SP Swedish national testing and research institute	I.Jakubowicz, N.Yarahmadi, H.Petersen	Evaluation of the rate of abiotic degradation of biodegradable polyethylene in various environments	Polymer Degradation and Stability 91 (2006) 1556-1562
GPC KD-G GPC KD-806M GPC KD-804	FR	Domaine Univ. ERAS-Labo	C.Opkpiu, P.Genova-Dimitrova, M.Marechal, J.Y.Sanchez	Chemical and physicochemical characterizations of ionomers	Electrochimica Acta 51 (2006) 4789-4801
GPC KF-G	DE	Freie Univ. Berlin (College of Pharmacy) Univ. Regensburg (College of Pharmacy)	E.Elkjarraz, C.Guse, R.Gust, A.Goepferich, J.Siepmann	Paclitaxel-loaded microparticles and implants for the treatment of brain cancer: Preparation and physicochemical characterization	International Journal of Pharmaceutics 314 (2006) 127-136
	FR	Univ. Angers Univ. Lille (College of Pharmacy)	N.Faisant, F.Siepmann, B.Arica-Yegin, J.M.Oger, J.P.Benoit		
GPC KF-G	FR	Univ. Angers Univ. Lille (College of Pharmacy)	N.Faisant, J.Akiki, F.Siepmann, J.P.Benoit	Effects of the type of release medium on drug release from PLGA-based microparticles: Experiment and theory	International Journal of Pharmaceutics 314 (2006) 189-197
	DE	Freie Univ. Berlin (College of Pharmacy)	J.Siepmann		
GPC KF-804L	SE	Lund Univ. (Dept. of Biotechnology, Dept. of Food Technology)	A.E.Ivanov, J.Ekeroth, L.Nilsson, B.Mattiasson, B.Bergenstael, I.Y.Galaev	Variations of wettability and protein adsorption on solid siliceous carriers grafted with poly(N-isopropylacrylamide)	Journal of Colloid and Interface Science 296 (2006) 538-544
GPC KF-805 GPC KF-804 GPC KF-802.5	SE	Lund Univ. (Dept. of Polymer Science and Engineering)	J. Christian Persson, Patric Jannasch	Intrinsically proton-conducting comb-like copolymers with benzimidazole tethered to the side chains	Solid State Ionics 177 (2006) 653-658
GPC KF-805 GPC KF-804 GPC KF-802.5	SE	Lund Univ. (Dept. of Polymer Science and Engineering)	J. Christian Persson, Patric Jannasch	Polysulfones tethered with benzimidazole	Polymer 47 (2006) 991-998
K-804	EG	National Research Center (Dept. of Polymers and Pigments) Cairo Univ. (Dept. of Chemistry)	Soheir Y. Tawfik, Jeannette N. Asaad, Magdy W. Sabaa	Thermal and mechanical behaviour of flexible poly(vinyl chloride) mixed with some saturated polyesters	Polymer Degradation and Stability 91 (2006) 385-392
GPC UT-806 GPC UT-807	DE	University of Hamburg (Institute of Technical and Macromolecular Chemistry) Friedrich-Alexander University Erlangen-Nürnberg (Institute of Polymer Materials)	Christian Piel, Florian J. Stadler, Joachim Kaschta, Sascha Rulhoff, Helmut Münstedt, Walter Kaminsky	Structure-Property Relationship of Linear and Long-Chain Branched Metallocene High-Density Polyethylenes Characterized by Shear Rheology and SEC-MALLS	Macromol. Chem. Phys. 2006, 2007-26-38
GPC UT-806 GPC UT-807	DE	Friedrich-Alexander University Erlangen-Nürnberg (Institute of Polymer Materials)	Florian J. Stadler, Christian Piel, Joachim Kaschta, Sascha Rulhoff, Walter Kaminsky, Helmut Münstedt	Dependence of the zero shear-rate viscosity and the viscosity function of linear high-density polyethylenes on the mass-average molar mass and polydispersity	Rheol Acta (2005) DOI 10.1007/s00297-005-0042-6

3 Shodex GPC columns	ES	INESCOP Fpprwear Research Institute University of Alicante (Adhesion and Adhesives Laboratory)	M. Angeles Perez-Liminana, Francisca Aran-Ais, Ana M. Torro-Palau, A. Cesar Orgiles-Barcelo, Jose Miguel Martin-Martinez	Characterization of waterborne polyurethane adhesives containing different amounts of ionic groups	International Journal of Adhesion & Adhesives 25 (2005) 507-517
GPC K-802 (AC802)	PT	University of Porto (Laboratory of Separation and Reaction Engineering)	P. Sridhar, J.D. Araujo, A.E. Rodrigues	Modeling of vanillin production in a structured bubble column reactor	Catalysis Today 105 (2005) 574-581
GPC KF-803 (A-803)	YU	Belgrade University (Organic Chemical Technology Dept.)	Ivanka G. Popovic, Lynne Katsikas, Jovan S. Velickovic	The non-oxidative thermal degradation of poly(di-n-alkyl itaconates). I. Analysis of the thermolysis volatiles	Polymer Degradation and Stability 89 (2005) 153-164
GPC KF-803 (A-803)	YU	Belgrade University (Organic Chemical Technology Dept.)	Ivanka G. Popovic, Lynne Katsikas, Jovan S. Velickovic	The non-oxidative thermal degradation of poly(di-n-alkyl itaconates). II. Analysis of the polymer residue	Polymer Degradation and Stability 89 (2005) 165-174
GPC KF-801	DE	Institute for Fishery Ecology (Federal Research Centre for Fisheries) Federal Maritime and Hydrographic Agency University of Hamburg (Institute of Organic Chemistry) University of Bremen (Institute for Statistics)	Ulrike Kammann, Scarlett Biselli, Heinrich Hühnerfuss, Ninja Reineke, Nobert Theobald, Michael Vorbach, Werner Wosniok	Genotoxic and teratogenic potential of marine sediment extracts investigated with comet assay and zebrafish test	Environmental Pollution 132 (2004) 279-287
GPC KF-G	FR	Universite d'Angers (College of Pharmacy) Ethypharm	N.Faisant, J.Akiki, J. Richard, J.P.Benoit	Effect of the size of biodegradable microparticles on drug release: experiment and theory	Journal of Controlled Release 96 (2004) 123-134
	DE	Freie Univ. Berlin (College of Pharmacy)	J.Siepmann		
GPC K-802 GPC K-806M	JP	RIKEN Institute (Polymer Chemistry Laboratory) Akebono Brake R&D Center Ltd. Tokyo Institute of Technology (Dept. Innovative and Engineered materials)	Jenny Josefine Fischer, Yoshihiro Aoyagi, Makiko Enoki, Yoshiharu Doi, Tadahisa Iwata	Mechanical properties and enzymatic degradation of poly([R]-3-hydroxybutyrate-co-[R]-3-hydroxyhexanoate) uniaxially cold-drawn films	Polymer Degradation and Stability 83 (2004) 453-460
	DE	Institut für Organische Chemie, Freie Universität Berlin	Jenny Josefine Fischer		
GPC linear	LV	University of Latvia (Faculty of Chemistry)	Iveta Uzulina	Controlled radical polymerization of styrene in miniemulsion polymerization using reversible addition fragmentation chain transfer	C.R. Chimie 6 (2003) 1375-1384
	FR	Laboratoire LCPP CPE/CNRS	Nicolas Gillard, Alain Guyot		
	US	University of Hampshire	Jerome Claverie		

GPC	RO	Institute of Macromolecular Chemistry	Mariana Dana Iosip, Maria Bruma	Compared properties of related aromatic poly(1,3,4-oxadiazole-amide)s	European Polymer Journal 39 (2003) 2011-2021
	RU	Institute of Element-Organic Compounds	Inga Rpnova		
	HU	Research Chemical Center Budapest University of Technology and Economics	Marta Szesztay, Peter Müller		
GPC KF-G	FR	Universite d'Angers Ethypharm	N.Faisant, J. Richard, J.P.Benoit	Mathematical modeling of drug release from bioerodible microparticles: effect of gamma-irradiation	European Journal of Pharmaceutics and Biopharmaceutics 56 (2003) 271-279
	DE	Freie Univ. Berlin (College of Pharmacy)	J.Siepmann		
GPC	LV	Latvian State Institute of Wood Chemistry	Tatyana Eremeeva	Size-exclusion chromatography of enzymatically treated cellulose and related polysaccharides: a review	J. Biochem. Biophys. Methods 56 (2003) 253-264
GPC KF-803 GPC KF-802.5	UK	University of York (Dept. Chemistry)	Graham M. Dykes, David K. Smith	Supramolecular dendrimer chemistry: using dendritic crown ethers to reversibly generate functional assemblies	Tetrahedron 59 (2003) 3999-4009
GPC KF-805L	FR	Universite Claude Bernard et ESCPE-Lyon, LAGEP (Laboratoire d'Automatique et de Genie des Procèdes) ESCPE-Lyon, LCPP (Laboratoire de Chmie et Procèdes de polymerisation)	M. Tayakout-Fayolle, C. Jallut, E. Pollet, T, Hamaide	Combination of a Monte Carlo approach with the contact time distribution concept for the steady-state modeling of an isothermal heterogeneous coordinated anionic ring opening polymerization reactor	Chemical Engineering Science 58 (2003) 1509-1519
GPC 807 GPC 806 GPC 804	UK	Imperial College of Science, Technology and Medicine (Dept. Chemistry)	George J.P. Britovsek, Simon P.D. baugh, Oliver Hoarau, Vernon C. Gibson, Duncan F. Wass, Andrew J.P. White, David J. Williams	The role of bulky substituents in the polymerization of ethylene using late transition metal catalysts: a comparative study of nickel and iron catalyst systems	Inorganica Chimica Acta 345 (2003) 279-291
GPC KF-802 GPC KF-803	JP	Toyohashi University of Technology (Dept. Materials Science)	Yutaka Yamamoto, Wataru Nakao, Yuji Atago, Koichi Ito	A novel mactoinimer of polyethylene oxide: synthesis of hyper branched networks by photoinduced H-abstraction process	European Polymer Journal 39 (2003) 545-550
	TR	Istanbul Technical University (Dept. Chemistry)	Yusuf Yagci		
GPC KF-802 GPC KF-804	CA	Laval University (Dept. Chemical Engineering and Dept. Wood Sciences)	A. Kasseh, A. Ait-Kadi, B. Riedl	Organic/inorganic hybrid composites prepared by polymerization compounding and controlled free radical polymerization	Polymer 44 (2003) 1367-1375
	FR	Elf Atochem (Ato-Fina) Cours michelet-lqa defense	A. Kasseh, J.F. Pierson		
GPC AT-806MS	FR	BP Chemicals Ecole des Mines de Paris	Choon K. Chai, Quentin Auzoux, Hery Randrianatoandro, Patrick Navard, Jean-Marc Haudin	Influence of pre-shaping on the crystallisation of conventional and metallocene polyethylenes	Polymer 44 (2003) 773-782

IC

Shodex columns	Country	Organization	Authors	Title	Journal
IC YK-421	ES	Laboratori d'Electroquímica dels Materials i del Medi Ambient, Departament de Química Física, Facultat de Química, Universitat de Barcelona	Eloy Isarain-Chávez, Conchita Arias, Pere Lluís Cabot, Francesc Centellas, Rosa María Rodríguez, José Antonio Garrido, Enric Brillas	Mineralization of the drug β -blocker atenolol by electro-Fenton and photoelectro-Fenton using an air-diffusion cathode for H ₂ O ₂ electrogeneration combined with a carbon-felt cathode for Fe ²⁺ regeneration	Applied Catalysis B: Environmental 96 (2010) 361–369
IC YK-421	ES	Laboratori d'Electroquímica dels Materials i del Medi Ambient, Departament de Química Física, Facultat de Química, Universitat de Barcelona	Enric Brillas, Sergi Garcia-Segura, Marcel Skoumal, Conchita Arias	Electrochemical incineration of diclofenac in neutral aqueous medium by anodic oxidation using Pt and boron-doped diamond anodes	Chemosphere 79 (2010) 605–612
IC YK-421	ES	Laboratori d'Electroquímica dels Materials i del Medi Ambient, Departament de Química Física, Facultat de Química, Universitat de Barcelona	Elena Guinea, José Antonio Garrido, Rosa María Rodríguez, Pere-Lluís Cabot, Conchita Arias, Francesc Centellas, Enric Brillas	Degradation of the fluoroquinolone enrofloxacin by electrochemical advanced oxidation processes based on hydrogen peroxide electrogeneration	Electrochimica Acta 55 (2010) 2101–2115
IC YK-421	ES	Chemical Engineering Department, Rovira i Virgili University, Tarragona	N. Barrabés, A. Dafinov, F. Medina, J.E. Sueiras	Catalytic reduction of nitrates using Pt/CeO ₂ catalysts in a continuous reactor	Catalysis Today 149 (2010) 341–347
IC YK-421 IC SI90-4E	JP	Institute of Low Temperature Science, Hokkaido University Graduate School of Environmental Science, Hokkaido University	Shuvashish Kundu, Kimitaka Kawamura	Diurnal variation in the water-soluble inorganic ions, organic carbon and isotopic composition of total carbon and nitrogen in biomass burning aerosols from the LBA-SMOCC campaign in Rondônia, Brazil	Aerosol Science 41(2010)118–133
	DE	Biogeochemistry Department, Max Planck Institute for Chemistry, Mainz	Tracey W. Andreae, Meinrat O. Andreae		
	HU	Department of Earth and Environmental Sciences, University of Pannonia, Veszprém	András Hoffer		
IC I-524A	TR	Department of Chemistry, Faculty of Science & Letters, Cukurova University, Adana	Sermin Gül, Özlem Özcan-Yıldırım	Degradation of Reactive Red 194 and Reactive Yellow 145 azo dyes by O ₃ and H ₂ O ₂ /UV-C processes	Chemical Engineering Journal 155 (2009) 684–690
IC SI-90G IC SI50-4E	BE	Micro and Trace Analysis Centre, Department of Chemistry, University of Antwerp Flemish Institute for Technological Research (VITO), Centre for Integrated Environmental Studies, Mol	Agnieszka Krata, Velichka Kontozova-Deutsch, Felix Deutsch, René Van Grieken	Single-run ion chromatographic separation of inorganic and low-molecular-mass organic anions under isocratic elution: Application to environmental samples	Talanta 79 (2009) 16–21
	HU	Research Institute for Solid State Physics and Optics, Hungarian Academy of Sciences, Budapest	László Bencsa		

IC I-524A	TR	Department of Chemistry, Arts and Sciences Faculty, Mersin University Department of Chemistry, Arts and Sciences Faculty, Cukurova University	Belgin Goezmen, Berkant Kayan, A. Murat Gizir, Arif Hesenov	Oxidative degradations of reactive blue 4 dye by different advanced oxidation methods	Journal of Hazardous Materials 168 (2009) 129-136
IC YK-421	ES	Departament de Quimica, Edifici Cn, Universitat Autonoma de Barcelona Laboratori d'Electroquimica dels Materials I del Medi Ambient, Departament de Quimica Fisica, Facultat de Quimica, Universitat de Barcelona	Anna Serra, Xavier Doenech, Conchina Arias, Enric Brillas, Jose Peral	Oxidation of alpha-methylphenylglycine under Fenton and electro-Fenton conditions in the dark and in the presence of solar light	Applied Catalysis B: Environmental 89 (2009) 12-21
IC I-524A	JP	Meisei University (Frontier Research Center for the Global Environment Protection (GESC))	Hisao Hidaka, Haruo Honjou, Takayoshi Koike, Yoshihiro Mitsutsuka, Toshiyuki Oyama	Photoassisted dehalogenation and mineralization of chloro/fluoro-benzoic acid derivatives in aqueous media	Journal of Photochemistry and Photobiology A: Chemistry 197 (2008) 115 - 123
	IT	Universita di Pavia (Dipartimento di Chimica Organica)	Nick Serpone		
IC Y-521 IC I-524A	JP	Meisei University (Frontier Research Center for the Global Environment Protection (GESC))	Hisao Hidaka, Elisa Garcia-Lopez	Photoassisted mineralization of aromatic and aliphatic N-heterocycles in aqueous titanium dioxide suspensions and the fate of the nitrogen heteroatoms	Applied Catalysis B: Environmental 78 (2008) 139-150
	IT	Universita degli Studi di Palermo (Dipartimento di Ingegneria Chimica dei Processi e dei Materiali) Universita di Pavia (Dipartimento di Chimica Organica)	Leonardo Palmisano, Nick Serpone		
IC I-524A	JP	Meisei University (Frontier Research Center for the Global Environment Protection (GESC))	Hisao Hidaka, Haruo Honjo, Yoshihiro Mitsutsuka, Toshiyuki Oyama	Photoassisted Dehalogenation and Mineralization of Chloro/Fluoro-Benzoic Acid Derivatives in Aqueous Media	J. Photochem. Photobiol. A: Chem (2007)
	IT	Universita di Pavia (Dipartimento di Chimica Organica)	Nick Serpone		
IC I-524A IC IA-G	JP	Meisei University (Frontier Research Center for the Global Environment Science)	Hisao Hidaka	Light-induced degradation of perfluorocarboxylic acids in the presence of titanium dioxide	Chemosphere 67 (2007) 785-792
	DE	Universität Hannover (Institut für Technische Chemie)	Ralf Dillert, Detlef Bahnemann		
IC I-524A	DE	University of Kaiserslautern (Applied Thermodynamics)	E. Popova, E.O. Watanabe, C. Maurer	Phase equilibria for salt-induced lysozyme precipitation: Effect of salt concentration and pH	Chemical Engineering and Processing 47 (2008) 1026-1033
	BR	Universidade Estadual de Campinas Escola Politecnica (Departamento de Engenharia Quimica)	E.O. Watanabe, P.A. Pessoa Filho		

IC I-524A	TR	Cukurova Univ. (Chemistry Dept.)	Sermin Gül, Özlem Özcan, Oktay Erbatur	Ozonation of C.I. Reactive Red 194 and C.I. Reactive Yellow 145 in aqueous solution in the presence of granular activated carbon	Dyes and Pigments 75 (2007) 426-431
IC YK-421	ES	Univ. Barcelona, Laboratori de Ciència i Tecnologia Electroquímica de Materials	M. Skoumal, P. L. Cabot, F. Centellas, C. Arias, R. M. Rodriguez, J. A. Garrido, E. Brillas	Mineralization of paracetamol by ozonation catalyzed with Fe ²⁺ , Cu ²⁺ and UVA light	Applied Catalysis B: Environmental 66 (2006) 228-240
RSpak DE-613 IC SI-90 4E	JP	Japan Atomic Energy Agency Gunma University	M.Taguchi, Y.Zenyoji, M.Takigumi, A.Kimura, H.Hiratsuka, H.Namba, T.Kojima	Characteristics study on suspended fine particles in aqueous phenol solution formed by electron beam irradiations	Radiation Physics and Chemistry 75 (2006) 564-571
	FR	DSM/DRECAM/SCM Saclay	G.Baldacchino		
IC I-524A	TR	Cukurova Univ. (Chemistry Dept.)	Sibel Irmak, Halil Ibrahim Yavuz, Oktay Erbatur	Degradation of 4-chloro-2-methylphenol in aqueous solution by electro-Fenton and photoelectro-Fenton processes	Applied Catalysis B: Environmental 63 (2006) 243-248
IC I-524A	DZ	Universite de Mentouri de Constantine (Department de chimie)	Samira Ghizellaoui, Aissa Chibani, Souheila Ghizellaoui	Use of nanofiltration for partial softening of very hard water	Desalination 179 (2005) 315-322
IC SI-90 4E	ES	Universitat de Barcelona (Department de Quimica Analitica)	V. Ruiz-Calero, M.T. Galceran	Ion chromatographic separation of phosphorus species: a review	Talanta 66 (2005) 376-410
IC I-524A IC IA-G	DE	Technische Universität Kaiserslautern (Lehrstuhl für Technische Thermodynamik)	Günter Uhrig, Xiaoyan Ji, Gerd Maurer	Vapor-liquid equilibrium in systems (water + organic solvent + salt) at low water concentrations but high ratios of salt to water: experimental results and modeling	Fluid Phase Equilibria 228-229 (2005) 5-14
IC NI-424 IC YK-421	PT	Universidade Nova de Lisboa (Dept. Chemistry)	Svetolazar Velizarov, Maria A. Reis, Joao G. Crespo	Removal of trace mono-valent inorganic pollutants in an ion exchange membrane bioreactor: analysis of transport rate in a denitrification process	Journal of Membrane Science 217 (2003) 269-284

IEC

Shodex columns	Country	Organization	Authors	Title	Journal
IEC DEAE8-2B	JP	Division of Biological Chemistry and Biologicals, National Institute of Health Sciences, Tokyo Pharmaceutical Research Laboratories, Ajinomoto Co., Ltd., Shizuoka Otsuka Pharmaceutical Factory, Inc., Tokushima Sanofi-aventis K.K., Tokyo Sawai Pharmaceutical Co., Ltd., Osaka Sawai Pharmaceutical Co., Ltd. Kanto Factory, Chiba Taiyo Pharmaceutical Industry Co., Ltd., Nagoya Terumo Co., Ltd., Tokyo Formulation Research Laboratory, Nippon Zoki Pharmaceutical Co., Ltd., Hyogo Mochida Pharmaceutical Plant Co., Ltd., Tochigi Research and Development Center, Fuso Pharmaceutical Industries, Ltd., Osaka	Noritaka Hashii, Nana Kawasaki, Satsuki Itoh, Yan Qin, Naho Fujita, Toshiaki Hattori, Kazuyoshi Miyata, Aya Bando, Yuko Sekimoto, Takeshi Hama, Masaki Kashimura, Masashi Tatsumi, Kazunori Mabuchi, Hiroshi Namekawa, Toru Sakai, Mio Hirose, Sei Dobashi, Hirotoshi Shimahashi, Sadatoshi Koyama, Kenzo Kawai, Hikaru Yoden, Teruhide Yamaguchi	Heparin identification test and purity test for OSCS in heparin sodium and heparin calcium by weak anion-exchange high-performance liquid chromatography	Biologicals xxx (2010) 1-5
	DK	Pharmaceutical Product Support, LEO Pharma A/S 55, Ballerup	Susanne Odgaard Herr		

IEC SP-825	HR	Hospira Zagreb d.o.o. Faculty of Food Technology and Biotechnology, Zagreb	Ana Skrlin, Ela Kosor Krnic, Darko Gosak, Berislav Prester, Vladimir Mrsa, Marko Vuletic, Domagoj Runac	Correlation of liquid chromatographic and biological assay for potency assessment of filgrastim and related impurities	Journal of Pharmaceutical and Biomedical Analysis xxx (2010) xxx–xxx
IEC QA-825	EG	Zoology Department, Faculty of Science, Suez Canal University, Ismailia	Nahla S. El-Shenawy	Oxidative stress responses of rats exposed to Roundup and its active ingredient glyphosate	Environmental Toxicology and Pharmacology 28 (2009) 379–385
IEC DEAE	CH	Institute of Molecular Pharmacy, Pharmacenter, University of Basel	Daniela Stokmaier, Oleg Khorev, Brian Cutting, Rita Born, Daniel Ricklin, Thomas O. G. Ernst, Fabienne Böni, Kathrin Schwingruber, Martin Gentner, Matthias Wittwer, Morena Spreafico, Angelo Vedani, Said Rabbani, Oliver Schwardt, Beat Ernst	Design, synthesis and evaluation of monovalent ligands for the asialoglycoprotein receptor (ASGP-R)	Bioorganic & Medicinal Chemistry 17 (2009) 7254–7264
IEC CM-825	DE	Westfälische Wilhelms-Universität Münster, Institut für Anorganische und Analytische Chemie Technische Universität Darmstadt, Institut für Zoologie	Nils Helge Schebb, Torsten Vielhaber, Alexandre Jousset, Uwe Karst	Development of a liquid chromatography-based screening methodology for proteolytic enzyme activity	Journal of Chromatography A, 1216 (2009) 4407–4415
IEC CM-825	AT	BOKU- University of Natural Resources and Applied Life Sciences Vienna (Dept. of Food Science and Technology)	H.K. Mayer	Milk species identification in cheese varieties using electrophoretic, chromatographic and PCR techniques	International Dairy Journal 15 (2005) 595-604
IEC CM-825	GR	Agricultural University of Athens (Laboratory of Dairy Technology, Dept. of Food Science and Technology)	G. Moatsou, A. Hatzinaki, E. Anifantakis	Detection of caprine casein in ovine Halloumi cheese	International Dairy Journal 14 (2004) 219-226
	CY	Cyprus Milk Industry Organization (CMIO)	G. Psathas		

RSpak

Shodex columns	Country	Organization	Authors	Title	Journal
RSpak KC-811	GR	Bioresource Technology Unit, School of Chemical Engineering, National Technical University of Athens, Zografou Campus	I.A. Panagiotopoulos, E.G.Koukios	Pretreatment of sweet sorghum bagasse for hydrogen production by <i>Caldicellulosiruptor saccharolyticus</i>	international journal of hydrogen energy xxx (2010) 1 -10
	NL	Wageningen UR Food & Biobased Research	I.A. Panagiotopoulos, R.R.Bakker, T.de Vrije, P.A.M.Claassen		

RSpak KC-811	GR	Bioresource Technology Unit, School of Chemical Engineering, National Technical University of Athens, Zografou Campus	John A. Panagiotopoulos, Emmanuel G. Koukios	Prospects of utilization of sugar beet carbohydrates for biological hydrogen production in the EU	Journal of Cleaner Production xxx (2010) 1-6
	NL	Wageningen UR Agrotechnology and Food Innovations	John A. Panagiotopoulos, Rob R. Bakker, Truus de Vrije, Pieterneel A.M. Claassen		
	PL	CERED Centre of Excellence, Warsaw University of Technology	Krzysztof Urbaniec		
RSpak KC-811	GR	Bioresource Technology Unit, School of Chemical Engineering, National Technical University of Athens, Zografou Campus	I.A. Panagiotopoulos, E.G.Koukios	Fermentative hydrogen production from pretreated biomass: A comparative study	Bioresource Technology 100 (2009) 6331–6338
	NL	Wageningen UR Agrotechnology and Food Innovations	R.R.Bakker, M.A.W. Budde, T.de Vrije, P.A.M.Claassen		
RSpak KC-811	NL	Valorisation of Plant Production Chains, Wageningen University Food and Bioprocess Engineering Group, Wageningen University	A. Maarten J. Kootstra, Hendrik H. Beeftink, Elinor L. Scott, Johan P.M. Sanders	Comparison of dilute mineral and organic acid pretreatment for enzymatic hydrolysis of wheat straw	Biochemical Engineering Journal 46 (2009) 126–131
RSpak KC-811	TR	Fatih University, Faculty of Arts and Sciences, Department of Chemistry, Istanbul Celal Bayar University, Engineering Faculty, Department of Food Engineering, Muradiye Campus, Manisa	Cevdet Nergiz, Pelin Günc Ergönül	Organic acid content and composition of the olive fruits during ripening and its relationship with oil and sugar	Scientia Horticulturae 122 (2009) 216–220
RSpak DE-613	JP	Department of Nuclear Engineering and Management, School of Engineering, University of Tokyo Advanced Science Research Center, Japan Atomic Energy Agency Quantum Beam Science Directorate, Japan Atomic Energy Agency, Takasaki Research Center for Charged Particle Therapy, National Institute of Radiological Sciences, Chiba	T. Maeyama, S. Yamashita, M. Taguchi, A. Kimura, Y. Katsumura, T. Murakami	Determination of the time-dependent OH-yield by using a fluorescent probe. Application to heavy ion irradiation	Chemical Physics Letters 468 (2009) 275–279
	FR	CEA, IRAMIS, SCM, Laboratoire de Radiolyse, Bât. 546, Gif-sur-Yvette CNRS, Laboratoire Claude Fréjacques, Gif-sur-Yvette	G. Baldacchino		

RSpak KC-811	ES	Post-harvest and Food Technology Laboratory, Department of Tropical Fruit Crops, Instituto Canario de Investigaciones Agrarias	Yurena Hernandez, M. Gloria Lobo, Monica Gonzalez	Factors affecting sample extraction in the liquid chromatographic determination of organic acids in papaya and pineapple	Food Chemistry 114 (2009) 734 - 741
RSpak NN-614	AT	Institute of Chemistry, Analytical Chemistry, Karl-Franzens University	Irene B. Rodriguez, Georg Raber, Walter Goessler	Arsenic speciation in fish sauce samples determined by HPLC coupled to inductively coupled plasma mass spectrometry	Food Chemistry 112 (2009) 1084 - 1087
RSpak KC-811	NL	Laboratory of Microbiology, Department of Agrotechnology and Food Sciences, Wageningen University Laboratory of Biophysical Chemistry, University of Groningen Biomolecular Mass Spectrometry and Proteomics Group, Bijvoet Center for Utrecht Institute for Pharmaceutical Sciences, Utrecht University	Mark Levisson, Lei Sun, Sjon Hendriks, Peter Swinkels, Twan Akveld, Jelle B. Bultema, Arjan Barendregt, Robert H.H. van den Heuvel, Bauke W. Dijkstra, John van der Oost, Serve W. M. Kengen	Crystal Structure and Biochemical Properties of a Novel Thermostable Esterase Containing an Immunoglobulin-Like Domain	K. Mol. Biol. (2009) 385, 949 - 962
RSpak DE-613	FR	CEA, IRAMIS, SCM, Laboratoire de Radiolyse CNRS, Laboratoire Claude Frejaques	G. Baldacchino	Determination of the time-dependent OH-yield by using a fluorescent probe. Application to heavy ion irradiation	Chemical Physics Letters 468 (2009) 275 - 279
	JP	Department of Nuclear Engineering and management, School of Engineering, University of Tokso Advanced Science Research Center, Japan Atomic Energy Agency Quantum Beam Science Directorate, Japan Atomic Energy Agency Research Center for Charged Particle Therapy, National Institute of Radiological Sciences	T. Maeyama, S. Yamashita, M. Taguchi, A. Kimura, Y. katsumura, T. Murakami		
RSpak KC-811	CZ	Department of Analytical Chemistry, Faculty of Pharmacy, Charles University	L. Novakova, P. Solich, D. Solichova	HPLC methods for simultaneous determination of ascorbic and dehydroascorbic acids	Trends in Analytical Chemistry, Vol 27, No. 10, 2008
RSpak DE-SG RSpak DE-413L	BE	European Commission, Joint Research Centre, Institute for Reference materials and Measurements (IRMM)	M. Dabrio, B. Sejerøe-Olsen, H. Emteborg, F. Ulberth, H. Emons	Production of a certified reference material for the acylamide content in toasted bread	Food Chemistry 110 (2008) 504-511
	AT	EPCOS OHG	S. Musser		
RSpak NN-814 RSpak NN-614	AT	Institute of Chemistry, Analytical Chemistry, Karl-Franzens University	Harald Hagendorfer, Walter Goessler	Separation of chromium (III) and chromium (VI) by ion chromatography and an inductively coupled plasma mass spectrometer as element-selective detector	Talanta 76 (2008) 656 - 661

RSpak DE-413	BE	Vrije Universiteit Brussel (Dept. of Analytical Chemistry and Pharmaceutical Technology) Katholieke Universiteit Leuven (Laboratory for Pharmaceutical Technology and Biopharmacy)	M. Dumarey, R. Put, E. van Gyseghem, Y. Vander Heyden	Dissimilar or orthogonal reversed-phase chromatographic systems: a comparison of selection techniques	Analytica Chmica Acta 609 (2008) 223- 234
RSpak KC-811	BE	K. U. Leuven (Laboratory for Applied Physical Chemistry and Environmental Technology)	K. Boussu, C. Vandecasteele, B. Van der Bruggen	Relation between membrane characteristics and performance in nanofiltration	Journal of Membrane Science 310 (2008) 51 - 65
RSpak NN-614	SI	Jozef Stefan Institute National Institute of Chemistry University Medical Centre Ljubljana	Zdenka Slejkovec, Ingrid Falnogam Johannes T. van Elteren, Helena Podgornik, Peter Cernelc	Analytical artefacts in the speciation of arsenic in clinical samples	Analytica Chimica Acta 607 (2008) 83-91
	AT	Karl-Franzens University Graz (Omstitute of Chemistry)	Walter Goessler, Reingard Raml		
RSpak NN-614	DE	UFZ Helmholtz Centre for Environmental Research	B. Daus, J. Mattusch, R. Wennrich, H. Weiss	Analytical investigations of phenyl arsenicals in groundwater	Talanta 75 (2008) 376 - 379
RSpak NN-614	AT	University Graz (Institute of Chemistry-Analytical Chemistry)	Doris Kuehnelt, Dijana Juresa, Kevin A. Francesconi	Selenium metabolites in urine of cancer patients receiving L-selenomethionine at high doses	Toxicology and Applied Pharacology 220 (2007) 211-215
	US	Roswell park Cancer Institute (Dept. of Epidemiology)	Marwan Fakh, Mary E. Reid		
RSpak DE-613	BE	Vrije Universiteit Brussel (Dept. of Analytical Chemistry and Pharmaceutical Technology) Katholieke Universiteit Leuven (Laboratory for Pharmaceutical Technology and Biopharmacy)	E.Deconinck, H. Ates, N. Callebaut, E. Van Gyseghem, Y, Vander Heyden	Evaluation of chromatographic descriptors for the prediction of gastro-intestinal absorption of drugs	Journal of Chromatography A, 1138 (2007) 190-202
RSpak KC-811	ES	Instituto Canario de Investigaciones Agrarias, Department of Tropical Fruits	Y.Hernandez, M.G.Lobo, M.Gonzalez	Determination of vitamin C in tropical fruits: A comparative evaluation of methods	Food Chemistry 976 (2006) 654-664
RSpak DE-613 IC SI-90 4E	JP	Japan Atomic Energy Agency Gunma University	M.Taguchi, Y.Zenyoji, M.Takigumi, A.Kimura, H.Hiratsuka, H.Namba, T.Kojima	Characteristics study on suspended fine particles in aqueous phenol solution formed by electron beam irradiations	Radiation Physics and Chemistry 75 (2006) 564-571
	FR	DSM/DRECAM/SCM Saclay	G.Baldacchino		
RSpak DE-413	BE	Univ. Brussel-VUB (Dept. of Analytical Chemistry and Pharmaceutical Technology)	E. Van Gyseghem, B.Dejaegher, R.Put, P.Forlay-Frick, A.Elkihel, M.Daszykowski, D.L.Massart, Y.Vander Heyden	Evaluation of chemometric techniques to select orthogonal chromatographic system	Journal of Pharmaceutical and Biomedical Analysis 41 (2006) 141-151
	HU	Hungarian Academy of Sciences (Institute of Biomolecular Chemistry)	K.Heberger		

RSpak KC-811	JP	Meisei University (Frontier Research Center for the Global Environment Science)	S. Horikoshi, A. Tkunaga, N. Watanabe. H. Hidaka	Environmental remediation by an integrated microwave/UV illumination technique IX. Peculiar hydrolytic and co-catalytic effects of platinum on the TiO ₂ photocatalyzed degradation of the 4-chlorophenol toxin in a microwave radiation field	Jonal of Photochemistry an Photobiology A: Chemistry 177 (2006) 129-143
	IT	Universta di Pavia (Dipartimento di Chimica Organica)	Nick Serpone		
RSpak DE-613	ES	University of Barcelona (Dept. of Analytical Chemistry)	Oscar Nunez, Encarnacion Moyano, Maria Teresa Galceran	LC-MS/MS analysis of organic toxics in food	Trends in Analytical Chemistry, Vo;. 24, No. 7, 2005
RSpak KC-811	BE	Universiteit Leuven (Laboratory for Applied Physical Chemistry and Environmental Technology), Katholieke Universiteit Leuven (Laboratory of Physical and Analytical Chemistry)	L. Braeken, R. Ramaekers, Y. Zhang, G. Maes, B. Van der Bruggen, C. Vandecasteele	Influence of hydrophobicity on retention in nanofiltration of aqueous solutions containing organic compounds	Journal of Membrane Science 252 (2005) 195-203
RSpak KC-811	BE	K.U. Leuven (Dept. Chemical Engineering)	D. Van Baelen, B. Van der Bruggen, K. Van den Dungen, J. Degreve, C. Vandecasteele	Pervaporation of water-alcohol mixtures and acetic acid-water mixtures	Chemical Engineering Science 60 (2005) 1538-1590
RSpak DE-613 Asahipak C4P	NL	Eindhoven University of Technology (Laboratory of Polymer Chemistry)	H.A. Chaessens, M.A. van Straten	Review on the chemical and thermal stability of stationary phases for reversed-phase liquid chromatography	Journal of Chromatography A, 1060 (2004) 23-41
RSpak NN-414	AT	Vienna University of Technology, Institute of Chemical Technology and Analytics	Erwin Rosenberg	Review: The potential of organic (electrospray- and atmospheric pressure chemical ionisation) mass spectrometric techniques coupled to liquid-phase separation for speciation analysis	Journal of Chromatography A, 1000 (2003) 841-889
RSpak KC-811	JP	Meisei University (Frontier Research Center for the Global Environment Science)	Satoshi Horikoshi, Atsushi Tokunaga, Hisao Hidaka	Environmental remediation by an integrated microwave/UV illumination technique VII. Thermal/non-thermal effects in the microwave-assisted photocatalyzed mineralization of bisphenol-A	Journal of Photochemistry and Photobiology A: Chemistry 162 (2004) 33-40
	CA	Concordia University (Dept. Chemistry and Biochemistry)	Nick Serpone		
	IT	Universita di Pavia (Dipartimento di Chimica Organica)	Nick Serpone		
RSpak DE-613	CH	Nestle Research Center	Sonja Riediker, Richard H. Stadler	Analysisof acrylamide in food by isotope-dilution liquid chromatography coupled with electrospray ionization tandem mass spectrometry	Journal of Chromatography A, 1020 (2003) 121-130

Asahipak

Shodex columns	Country	Organization	Authors	Title	Journal
Asahipak NH2P 50	DE	Technische Universität München, Technische Mikrobiologie	Florian W. Waldherr, Viktoria M. Doll, Daniel Meißner, Rudi F.Vogel	Identification and characterization of a glucan-producing enzyme from Lactobacillus hilgardii TMW 1.828 involved in granule formation of water kefir	Food Microbiology 27 (2010) 672-678

Asahipak NH2P-50 4E	SK	Institute of Chemistry, Center for Glycomics, Slovak Academy of Sciences, Bratislava	Eva Stratilová, Fairouz Ait-Mohand, Sona Garajová, Vladimír Farkas	Xyloglucan endotransglycosylases (XETs) from germinating nasturtium (<i>Tropaeolum majus</i>) seeds: Isolation and characterization of the major form	Plant Physiology and Biochemistry 48 (2010) 207-215
	CZ	Department of Biochemistry, Faculty of Science, Palacký University, Olomouc Institute of Molecular Pathology, Faculty of Military Health Sciences, University of Defence, Hradec Králové Institute of Analytical Chemistry, Academy of Sciences of Czech Republic, Brno	Pavel Rehulka, Dana Flodrová, Helena Rehulková		
OHpak SB-804 HQ Asahipak GS-2G 7B	RU	Institute of Physiology, Komi Science Centre, The Urals Branch of the Russian Academy of Sciences, Syktyvkar N.D.Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, Moscow	Sergey V. Popov, Raisa G. Ovodova, Victoria V. Golovchenko, Galina Yu. Popova, Feodor V. Viatyazev, Alexandre S. Shashkov, Yury S. Ovodov	Chemical composition and anti-inflammatory activity of a pectic polysaccharide isolated from sweet pepper using a simulated gastric medium	Food Chemistry (2010)
Asahipak GS-510 HQ	DE	Department of Process Engineering, Fraunhofer Institute for Process Engineering and Packaging, Freising	Klaus Mueller, Peter Eisner, Eva Kirchhoff	Functional properties and chemical composition of fractionated brown and yellow linseed meal (<i>Linum usitatissimum</i> L.)	Journal of Food Engineering 98 (2010) 453–460
	JP	Department of Food Science and Technology, Faculty of Marine Science, Tokyo University of Marine Science and Technology	Yumiko Yoshie-Stark, Reiko Nakada		
Asahipak GF-510 HQ	DK	Fuel Cells and Solid State Chemistry Division, Risø National Laboratory for Sustainable Energy, Technical University of Denmark - DTU, Roskilde	Trine Klemensø, Mohan Menon, Séverine Ramousse	Low toxicity binder systems for tape cast Ce _{0.9} Gd _{0.1} O _{1.95} laminates	Ceramics International 36 (2010) 773–780
Asahipak ODP50-10E Asahipak ODP50-4D	PF	Laboratoire des Micro-algues Toxiques, Institut Louis Malardé, Papeete Tahiti	Mireille Chinain, H. Taiana Darius, André Ung, Philippe Cruchet	Growth and toxin production in the ciguatera-causing dinoflagellate <i>Gambierdiscus polynesiensis</i> (Dinophyceae) in culture	Toxicon xxx (2009) 1–12
	US	Marine Biotoxins Program, Center for Coastal Environmental Health and Biomolecular Research, NOAA-National Ocean Service, Charleston	Zhihong Wang		
	NC	IRD, UR 128, BP A5, Nouméa Laboratoire des Biotoxines, Institut Pasteur de Nouvelle-Calédonie, Nouméa IRD, UMR 152, BP A5, Nouméa	Dominique Ponton, Dominique Laurent, Serge Pauillac		
	FR	Université de Toulouse, UPS, UMR 152 (Laboratoire de pharmacochimie des substances naturelles et pharmacophores redox), Toulouse cedex 9	Dominique Laurent		

Asahipak ES502N 7C	DE	Department of Soil Ecology, University of Bayreuth Central Analytics, Bayreuth Center for Ecology and Environmental Research (BauyCEER), University of Bayreuth	Jen-How Huang, Gunter Ilgen	Sample pre-treatment to eliminate cationic methylated arsenic for determining arsenite on an anion-exchange column by high performance liquid chromatography- inductively coupled plasma mass spectrometry	Analytica Chimica Acta 611 (2008) 48-55
	US	Chemical Engineering Department, Case Western Reserce University	Berryinne Decker		
Asahipak GS-620 HQ Asahipak GS 2G 7B	RU	Institute of Physiology, Komi Science Center, The Urals Branch of Russian Academy of Sciences N.D. Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences	Raisa G. Ovodova, Victoria V. Golovchenko, Sergey V. Popov, Galina Yu. Popova, Nikita M. Paderin, A;exandre S. Shashkov, Yury S. Ovodov	Chemical composition and anti-inflammatory activity of pectic polysaccharide isolated from celery stalks	Food Chemistry 114 (2009) 610 - 615
Asahipak ODP50 4D	CZ	Department of Gerontology and Metabolic Care, Faculty Hospital Faculty of Pharmacy, Charles University Center for Science and Research, Faculty Hospital, and Faculty of Medicine, Charles University	Dana Hrnčiarikova, Radomir Hyspler, Pavel Vyroubal, Petr Klemra, Miloslav Hronek, Zdenek Zadak	Serum lipids and neopterin in urine as new biomarkers of malnutrition and inflammation in the elderly	Nutrition 25 (2009) 303 - 308
Asahipak GS-220 HQ Asahipak GS 520 7G	ES	Departamento de Quimica Analitica, Facultad de Ciencias Quimicas, Universidad Complutense de Madrid	Zoyne Pedrero, Yolanda Madrid	Novel approaches for selenium speciation in foodstuffs and biological specimens: a review	Analytica Chimica Acta 634 (2009) 135 - 152
Asahipak GS-320 HQ	JP	Graduate School of Agricultural and Life Sciences, The University of Tokyo Chemical Genomics Research Group, RIKEN Biomedical Information Research Center, National Institute of Advanced Industrial Science and Technology	Reiko Ueoka, Akihiro Ito, Miho Izumikawa, Satoko maeda, Motoki Takagi, Kazuo Shin-ya, Minoru Yoshida, Shigeki Matsunaga	Isolation of azaspiracid-2 from marine sponge Echinoclathria sp. As a potent cytotoxin	Toxicol (2009) 680-684
	NL	Zoological Museum, University of Amsterdam	Rob. W.M. van Soest		
Asahipak GS-620 HQ Asahipak GS 2G 7B	RU	Institute of Physiology, Komi Science Center, The Urals Branch of Russian Academy of Sciences	Daria S. Khramova, Sergey V. Popov, Viktoria V. Golovchenko, Feodor V. Vityazev, Nikita M. Paderin, Yury S. Ovodov	Abrogation of the oral tolerance to ovalbumin in mice by citrus pectin	Nutrition 25 (2009) 226 - 232
Asahipak NH2P 50 4E	DE	Institut für Organische Chemie und Biochemie, Albert-Ludwigs-Universität, Freiburg	Stefan Buedenbender, Georg E. Schultz	Structural base for Enzymatic Cycodextrin Hydrolysis	J. Mol. Biol. (2009) 385, 606 - 617

Asahipak ODP50 6E	NC	Laboratoire de Pharmacochimie des Substances Naturelles et Pharmacophores Redox, Université Paul Sabatier Toulouse III, centre IRD de Noumea Laboratoire des Biotoxines, Institut Pasteur de Nouvelle-Calédonie	Dominique Laurent, Anne-Sophie Kerbrat, Serge Pauillac	Are cyanobacteria involved in Ciguatera Fish Poisoning-like outbreaks in New Caledonia?	Harmful Algae 7 (2008) 827-838
	PF	Laboratoire des Microalgues Toxiques, Institut Louis Malarde	H. Taiana Darius, Mireille Chinain		
	FR	CNRS, Institut de Neurologie Alfred Fessard Laboratoire d'Optique et Biosciences, INSERM, Ecole Polytechnique Palaiseau	Emmanuelle Girard, Evelyne Benoit, Martin-Pierre Sauviat, Jordi Molgo		
	US	Biological Science Center, Boston University	Stjepko Golubic		
Asahipak GS-520 HQ	RU	Institute of Chemistry FEBRAS, Vladivostok Pacific Institute of Geography, Vladivostok Far East National University, Departments of Soil Science and Soil Ecology, Vladivostok	S. Bratskaya, A. Golikov, T. Lutsenko, O. Nesterova	Charge characteristics of humic and fulvic acids: Comparative analysis by colloid titration and potentiometric titration with continuous pK-distribution function model	Chemosphere 73 (2008) 557 - 563
	BY	Institute for Problems of Natural Resources Use and Ecology of National Academy of Sciences of Belarus	V. Dudarchik		
Asahipak ES502N 7C	AT	Institute of Physiological Chemistry, Center of Physiological Medicine, Medical University of Graz Division of Gastrometerology and Hepatology, Department of Internal Medicine, Medical University of Graz Institute of Pathology, Medical University of Graz	Karl Oetl, Vanessa Stadlbauer, Franz Petter, Joachim Greilberger, Csilla Putz-Bankuti, Seth Hallstrom, Carolin Lackner, Rudolf E. Stauber	Oxidative damage of albumin in advanced liver disease	Biochimica et Biophysica Acta 1782 (2008) 469 - 473
Asahipak GS-220 HQ	PT	REQUIMTE, Departamento de Química, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa Centro de Química Estrutural, Instituto Superior Técnico de Lisboa IBB-Institute for Biotechnology and Bioengineering, Centre for Biological and Chemical Engineering, Instituto Superior Técnico	G. Vale, R. Rial-Otero, A. Mota, L. Fonseca, J.L. Capelo	Ultrasonic-assisted enzymatic digestion (USAED) for total elemental determination and elemental speciation: A tutorial	Talanta 75 (2008) 872 - 884
Asahipak NH2P 50 4E	JP	Kinki Univ. (Faculty of Pharmaceutical Science) Shimadzu Corporation (Analytical and Measuring Instruments Div.)	Keita Yamada, Satomi Hyodo, Yu-ki Matsuno, Mitsuhiro Kinoshita, Shu-zou Maruyama, Yu-suke Osaka, Kazuaki Kakehi	Rapid and sensitive analysis of mucin-type glycans using an in-line flow glycan-releasing apparatus	Analytical Biochemistry 371 (2007) 52-61
	US	John Hopkins Univ. (Dept. Biology)	Enriqueta Casal, Yuan C. Lee		
	ES	Instituto de Dermentaciones Industriales (CSIC)	Enriqueta Casal		

Asahipak NH2P 50 4E	FR	Universite de Bretagne Occidentale (Laboratoire d'Ecophysiologie et de Biotechnologie des Halophytes et des Algues Marines (LEBHAM), Laboratoire de Resonance Magnetique Nucleaire)	Stephanie Bondu, Nelly Kercarec, Eric Deslandes, Roger Pichon	Separation of fluoridoside and isofloridosides by HPLC and complete ¹ H and ¹³ C NMR spectral assignments for D-isofloridoside	Carbohydrate Research 342 (2007) 2470-2473
Asahipak NH2P-50 2D	DK	Drug Development ADME (Dept. of Early Development Pharmacokinetics)	Morten A. Kall, Tina Dige, Martin Jorgensen	Development and validation of a selective and sensitive bioanalytical procedure for the quantitative determination of gaboxadol in human plasma employing mixed mode solid phase extraction and hydrophilic interaction liquid chromatography with tandem mass spectroscopic detection	Journal of Chromatography B, 858 (2007) 168-176
	US	Merck Research Laboratory (Dept. of Drug Metabolism)	Irong Fu, Patrick Vallano, Eric Woolf		
Asahipak GS-320 HQ	DK	University of Copenhagen (Dept. of Pharmaceutics and Analytical Chemistry) H. Lundbeck A/S (Pharmaceutical Development)	Anne Zimmermann, Michiel Ringjobing Elema, Tue Hansen, Anette Müllertz, Lars Hovgaard	Determination of surface-adsorbed excipients of various types on drug particles prepared by antisolvent precipitation using HPLC with evaporative light scattering detection	Journal of Pharmaceutical and Biomedical Analysis 44 (2007) 847-880
Asahipak GS-220 HQ	ES	Complutense University of Madrid (Dept. of Analytical Chemistry)	Zoyne Pedrero, Daniel Elvira, Carmen Camara, Yolanda Madrid	Selenium transformation studies during Broccoli (Brassica oleracea) growing process by liquid chromatography-inductively coupled plasma mass spectrometry (LC-ICP-MS)	Analytica Chimica Acta 596 (2007) 251-256
Asahipak NH2P 50 2D Asahipak NH2P 50G 2A	IT	Rotta Research Laboratorium/Rottapharm Rizzoli Orthopaedic Institute University of Bologna (Department of Pharmaceutical Sciences)	S. Persiani, R. Rotini, G. Trisolino, L.C. Rovati, M. Locatelli, D. Paganini, D. Antonioli, A. Roda	Synovial and plasma glucosamine concentrations in osteoarthritic patients following oral crystalline glucosamine sulphate at therapeutic dose	OsteoArthritis and Cartilage (2007) 15, 764-772
Asahipak GS-220 HQ	ES	Complutense University of Madrid (Dept. of Analytical Chemistry) Oviedo University (Dept. of Physical and Analytical Chemistry)	Zoyne Pedrero, Jorge Ruiz Encinar, Yolanda Madrid, Carmen Camara	Identification of selenium species in selenium-enriched Lens esculenta plants by using two-dimensional liquid chromatography-inductively coupled plasma mass spectrometry and [⁷⁷ Se]selenomethionine selenium oxide spikes	Journal of Chromatography A, 1139 (2007) 247-253
Asahipak GS-220 HQ	ES	Univ. Oviedo (Dept. of Physical and Analytical Chemistry)	Laura Hinojosa Reyes, Jorge Ruiz Encinar, Juan Manuel Marchante-Gayon, Jose Ignacio Garcia Alonso, Alfredo Sanz-Medel	Selenium bioaccessibility assessment in selenized yeast after "in vitro" gastrointestinal digestion using two-dimensional chromatography and mass spectrometry	Journal of Chromatography A, 1110 (2006) 108-116
Asahipak GS-220 HQ	ES	Univ. Oviedo (Dept. of Physical and Analytical Chemistry)	Maria Montes-Bayon, Maria Jose Diaz Molet, Elisa Blanco Gonzalez, Alfredo Sanz-Medel	Evaluation of different sample extraction strategies for selenium-enriched plants (Allium sativum and Brassica juncea) and Se speciation by HPLC-ICP-MS	Talanta 68 (2006) 1287-1293
Asahipak NH2P 50 4E	FI	Univ. Kuopio (Dept. of pharmaceutics, Dept. of Pharmaceutical Chemistry)	Riikka Mäki, Eero Suihko, Ossi Korhonen, Heli Pitkänen, Riku Niemi, Marko Lehtonen, Jarkko Ketolainen	Controlled release of saccharides from matrix tablets	European Journal of Pharmaceutics and Biopharmaceutics 62 (2006) 163-170

Asahipak GS-520 P	JP	Chiba University (Grauate School of Pharmaceutical Sciences)	Y. Ogra, K.T. Suzuki	Liquid chromatography-electrospray ionization tandem mass spectrometry for on-line characterization, monitoring and isotopic profiling of the main selenium -metabolite in human urine after sonsumption of Se-rich and Se-enriched food	Analytical Chimica Acta 555 (2006) 25-33
	BE	Ghent Univ. (Dept. of Analytical Chemistry)	Emmie Dumont, Frank Vanhaecke, Rita Cornelis		
Asahipak NH2P-50G	IT	Rotta Research Laboratorium/Rottapharm (Clinical Pharmacology Department) University of Bologna (Department of Digestive Diseases, Metabolism and Infective Diseases, Department of Pharmaceutical Sciences)	S. Persiani, E. Roda, L.C. Rovati, M. Locatelli, G. Giacobelli, A. Roda	Glucosamine oral bioavailability and plasma pharmacokinetics after increasing doses of crystalline glucosamine sulfate in man	OsteoArthritis and Cartilage (2005) 13, 1041-1049
Asahipak NH2P-50	PT	Universidade Nova de Lisboa (Genomics and Stress Laboratory) Universidade de Evora (Departamento de Biologia)	Manuela Broco, Solange Oliveira, Claudina Rodrigues-Pousada	Deletion of flavoredoxin gene in Desulfovibrio gigas reveals its participation in thiosulfate reduction	FEBS Letters 579 (2005) 4803-4807
	FR	CNRS, Unite de Bioenergetique et Ingenierie des Proteines	Marc Rousset		
Asahipak GS-220 HQ	IL	Sackler School of Medicine (Dept. Physiology and Pharmacology)	Chagit Shpak, Reuben Hiller, Beni Shpak, Liron Boymanm, Daniel Khananshvili	The low molecular weight inhibitor of NCX1 inetracts with a cytosolic domain that differs from the ion-transport site of the Na/Ca exchanger	Biochemical and Bipphysical Research Communications 324 (2004) 1346-1351
RSpak DE-613 Asahipak C4P	NL	Eindhoven University of Technology (Laboratory of Polymer Chemistry)	H.A. Chaessens, M.A. van Straten	Review on the chemical and thermal stability of stationary phases for reversed-phase liquid chromatography	Journal of Chromatography A, 1060 (2004) 23-41
Asahipak GF-7M HQ	FR	Universite de Paris XI (Laboratoire de Chimie Organique Multifoncionelle)	Laetitia Renaudie, Richard Daniellou, Claudine Auge, Christine Le Narvor	Enzymatic supported synthesis of lacto-N-neotetraose using dendrimeric polyethylene glycol	Carbohydrate Research 339 (2004) 693-698
Asahipak GS-620 HQ Asahipak GS-520 HQ	FR	Laboratoire Pierre Sue	Richard N. Collins	Separation of low-molecular mass organic acid-metal complexes by high-performace liquid chromatography	Journal of Chromatography A, 1059 (2004) 1-12
Asahipak NH2P-50 4E	JP	Hiroshima University (Dept. Environmental Dynamics and Management)	Reda E.A. Moghaieb, Hirofumi Saneoka, Kounosuke Fujita	Effect of salinity on osmotic adjustment, glycinebetaine accumulation and the betaine aldehyde dehydrogenase gene expression in two halophytic plants, Salicornia europaea and Suaeda maritima	Plant Science 166 (2004) 1345-1349
	EG	Cairo University (Dept. Genetics)	Reda E.A. Moghaieb		
Asahipak NH2P-50 2D	SK	Comenius University (Dept. Nuclear Chemistry) Cyclotron Centre of the Slovak Republic	E. Buriova, M. Medova, F. Macasek, P. Bruder	Separation and detection of oxidation products of fluorodeoxyglucose and glucose by high-performance liquid chromatography-electrospray ionisation mass spectrometry	Journal of Chromatography A, 1034 (2004) 133-137
Asahipak NH2P-50	FR	LEBHAM (Laboratoire d'Ecophysiologie et de Biotechnologie des Halophyphytes et des Algues Marines) Laboratoire de RMN, Universite de Bretagne Occidentale	Christelle Simon-Colin, Nelly Kervarec, Roger Pichon, Eric Deslandes	NMR ¹³ C-isotopic enrichment experiments to study carbon-partitioning into organic solutes in the red alga Grateloupia doryphora	Plant Physiology and Biochemistry 42 (2004) 21-26

Asahipak GS-220 HQ	IL	Sackler School of Medicine (Dept. Physiology and Pharmacology)	Chagit Shpak, Reuben Hiller, Beni Shpak, Daniel Khananshvili	The endogenous inhibitor of NCX1 does not resemble the properties of digitalis compound	Biochemical and Biophysical Research Communications 308 (2003) 114-119
Asahipak NH2P-50 4E	FR	Laboratoire de Genie Chimique (LGC UMR-CNRS 5503) TEPRAL Research, Centre de Recherche des Brasseries Kronenbourg Centre de Genie Industriel, Ecole des Mines d'Albi Carmaux	C. Brandam, X.M. Meyer, J. Proth, P. Strehaiano, H. Pingaud	An original kinetic model for the enzymatic hydrolysis of starch during mashing	Biochemical Engineering Journal 13 (2003) 43-52

Silica

Shodex columns	Country	Organization	Authors	Title	Journal
Silica C18M 4D	ID	Tge Agency for the Assessment and Application of Technology (BPP Teknologi)	W.B. Setianto	Pressure profile separation of phenolic liquid compounds from cashew (<i>Anacardium occidentale</i>) shell with supercritical carbon dioxide and aspects of its phase equilibria	J. of Supercritical Fluids 48 (2009) 203 - 210
	JP	Department of Chemical Engineering, Research Center of Supercritical Fluid Technology, Graduate School of Environmental Studies, Tohoku University	S. Yoshikawa, R.L. Smith Jr., H. Inomata		
	NL	Delft University of Technology, Faculty of Science and Technology, Department Chemical Technology Delft University of Technology, Faculty of Mechanical Maritime and materials Engineering, Department of Process and Energy	L.J. Florusse, C.J. Peters		
	UAE	Petroleum Institute, Chemical Engineering Program	C.J. Peters		
Silica C8	EG	Assiut Univ. (Dept. of Pharmaceutical Analytical Chemistry)	Salwa R. El-Shabourny, Gamal A. Saleh, A. Mohamed, Azza H. Rageh	Analysis of cephalopirin antibiotics	Journal of Pharmaceutical and Biomedical Analysis 45 (2007) 1-19
Silica C18M 4D	BE	Universite Libre de Bruxelles (Pharmaceutical Institute)	Jean-Michel Kaufmann	Determination of dye precursors in hair coloring products by liquid chromatography with electrochemical detection	Analytica Chimica Acta 588 (2007) 316-320
	JP	Tokyo Kasei University (Faculty of Domestic Science)	Motoko Narita, Kazuo Murakami		

Silica C18 5E	PL	State Research Institute (Dept. of Biochemistry)	W. Oleszek, Z. Bialy	Chromatographic determination of plant saponins - An update (2002-2005)	Journal of Chromatography A, 1112 (2006) 78-91
Silica C18	ES	Universidad de La Laguna (Dpto. Ingenieria Quimica y Tecnologia Farmaceutica, Facultad de Farmacia)	Alexis Olivia, Ana Santovena, Jose Farina, Matias Llabres	Effect of high shear rate on stability of proteins: kinetic study	Journal of Pharmaceutical and Biomedical Analysis 33 (2003) 145-155
Silica 5NH	ES	Instituto de Ciencias Marinas de Andalucia (CSIC)	M. Yufera, C. Fernandez-Diaz	Delivering bioactive compounds to fish larvae using microencapsulated diets	Aquaculture 227 (2003) 277-291
	AU	Mariculture Research and Advisory Group, Fisheries Western Australia	S. Kolkovski		
	US	The Ohio State University, School of Natural Resources	J. Rinchard, K.J. Lee, K. Dabrowski		

MSpak

Shodex columns	Country	Organization	Authors	Title	Journal
MSpak PK-2A	CZ	Charles Univ. (Dept. of Analytical Chemistry)	Dalibor Satinsky, Petr Solich	On-line coupling of sequential injection extraction with restricted-access materials and post-column derivatization for sample clean-up and determination of propranolol in human plasma	Analytica Chimica Acta 600 (2007) 122-128
	PT	Universidade do Porto (Departamento de Quimica-Fisica)	Hugo S. Serrahero, Alberto N. Araujo, Maria C.B.S.M. Montenegro		

ORpak

Shodex columns	Country	Organization	Authors	Title	Journal
ORpak CDBS-453	DE	Unit of Environmental Biotechnology, International Graduate School of Zittau University of Applied Sciences Lausitz	Matthias Kinne, Rene Ullrich, Katrin Scheibner, Martin Hofrichter	Regioselective preparation of (R)-2-(4-hydroxyphenoxy)propionic acid with a fungal peroxygenase	Tetrahedron Letters 49 (2008) 5950 - 5953
	US	USDA Forest Products Laboratory	Kenneth E. Hammel		

others

Shodex columns	Country	Organization	Authors	Title	Journal
ODP2 HP 4E	ES	Dpto. de Química Analítica. Facultad de Ciencias Químicas, Universidad Complutense de Madrid	A. Alzate, M.C. Pérez-Conde, A.M. Gutiérrez, C. Cámara	Selenium-enriched fermented milk: A suitable dairy product to improve selenium intake in humans	International Dairy Journal (2010)
ET-RP1	BE	Research Institute for Chromatography, Kortrijk Vrije Universiteit Brussel, Department of Chemical Engineering Pfizer Analytical Research Centre, Ghent University	Gerd Vanhoenacker, Alberto Dos Santos Pereira, Deirdre Cabooter, Gert Desmet, Pat Sandra	Evaluation of a new polymeric stationary phase with reversed-phase properties for high temperature liquid chromatography	Journal of Chromatography A, 1217 (2010) 3217-3222
	JP	Showa Denko K.K.	Takashi Kotsuka		